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1983

ALASKA

VITAL STATISTICS

STATE OF ALASKA

DEPT. OF HEALTH AND SOCIAL SERVICES

DIVISION OF PLANNING, POLICY & PROGRAM EVALUATION

BILL SHEFFIELD, GOVERNOR

POUCH H 01A
JUNEAU, ALASKA 99811
PHONE:

We are pleased to make the 1983 Vital Statistics Report available to you. You will notice there are a number of additional features in this report which were not included in previous years' reports. Among the features added are age-adjusted rates, comparison data for the U.S. and an analysis section. We would welcome your comments or recommendations for other features or tables you would like to see added. Please address your requests to:

Patricia R. Alexander, Director
Department of Health and Social
Services
Division of Planning
Pouch H-01A
Juneau, Alaska 99811

We would like to draw your attention to the notice on page 14 preceding the mortality analysis. Improved quality control has resulted in increased recording of suicides and homicide figures for 1983. However, work on the database for years prior to 1983 has not yet been completed and suicide and homicide deaths pre-1983 may be under-reported. The larger number of suicides and homicides in 1983 probably is related to the improved recording of such deaths -- not to an actual increase in violent deaths.

Sincerely,

Patricia R. Alexander

Patricia R. Alexander, Director
Division of Planning

Enclosure

06-F76LH

Alaska Vital Statistics
Annual Report
1983

Bill Sheffield, Governor
State of Alaska

John R. Pugh, Commissioner
Department of Health and Social Services

Prepared by
Division of Planning
Patricia R. Alexander, Director

AK/DHSS/DOP/85/8
1985

INTRODUCTION

The 1983 edition of the Alaska Vital Statistics Annual Report is a statistical summary of vital events for calendar year 1983. Data relating to population, births, deaths, marriages, divorces, and adoptions are included. Most of the data in this report refer to Alaska residents, including those Alaska residents who give birth or die out of state. However, some events, such as marriages and divorces are tabulated by place of occurrence rather than by place of residence of the person(s) involved. Those tables will include both residents and non-residents who married or divorced in Alaska.

The purpose of this report is twofold: to provide data which can be used as a basis for planning and policy decisions for health and social services agencies; and to provide the citizens of Alaska with information about the vital statistics of their state.

Any additional needs for data or analyses should be directed to the Division of Planning, Department of Health and Social Services. The office will make every attempt to comply with requests for data within the limitation of staff and resources.

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DEFINITIONS

Birth Rate--Number of resident live births divided by total resident population X 1,000

Fertility Rate--Number of resident live births divided by number of female residents age 15-44

Death Rate--Number of resident deaths divided by total resident population X 1,000 or 100,000

Age-Specific Death Rate--Number of deaths within one age group divided by the resident population of the age group at the midpoint of the period X 1,000

Age-Adjusted Death Rate*--A summary of age-specific death rates which have been standardized to one age distribution for comparative purposes

Cause-Specific Rate--Number of deaths due to a specific cause divided by total resident population X 100,000

Divorce Rate--Number of occurrences (divorces and annulments) divided by total resident population X 1,000

Infant Mortality Rate--Number of infant deaths divided by total resident live births X 1,000

Low-Weight Birth Rate--Number of low-weight births divided by total resident live births X 1,000

Marriage Rate--Number of persons married divided by total resident population X 1,000

Neonatal Death Rate--Number of neonatal deaths divided by total resident live births x 1,000

Birth Weight--Weight of the fetus or infant at delivery.

Low-Weight Birth--Birth wherein the birth weight is less than 2,500 grams (approximately 5 lbs. 8 oz.). 100 grams = 3.5 ounces

Live Birth--A birth that shows any signs of life after delivery

Total Births--Total live births

Infant Death--Death occurring to an individual of less than one year of age

Neonatal Death--Deaths occurring to an individual of less than 28 days of age

Post-neonatal Death--Death occurring to an individual 28 days of age and older but under 1 year

Natural increase--the excess of births over deaths among residents of an area. The rate is shown per 1000 population

Occurrence--Place where the event actually occurred.

Residence--The usual place of residence for person to whom event occurred. For births, residence is the mother's usual place of residence; for deaths, residence is that of the decedent

Race--Race for mother, father, or decedent is as stated on certificate. Race of child is determined from race of the parents

Underlying Cause of Death--The condition producing the chain of events leading to death

ICD-9--Ninth Revision of the International Classification of Diseases. ICD-9 has been used since 1979 for the classification of cause-of-death data. By reflecting current disease classification, each revision produces some break in the comparability of cause-of-death statistics. Cause-of-death comparison between pre-1979 and 1979-1983 data require consideration of these changes

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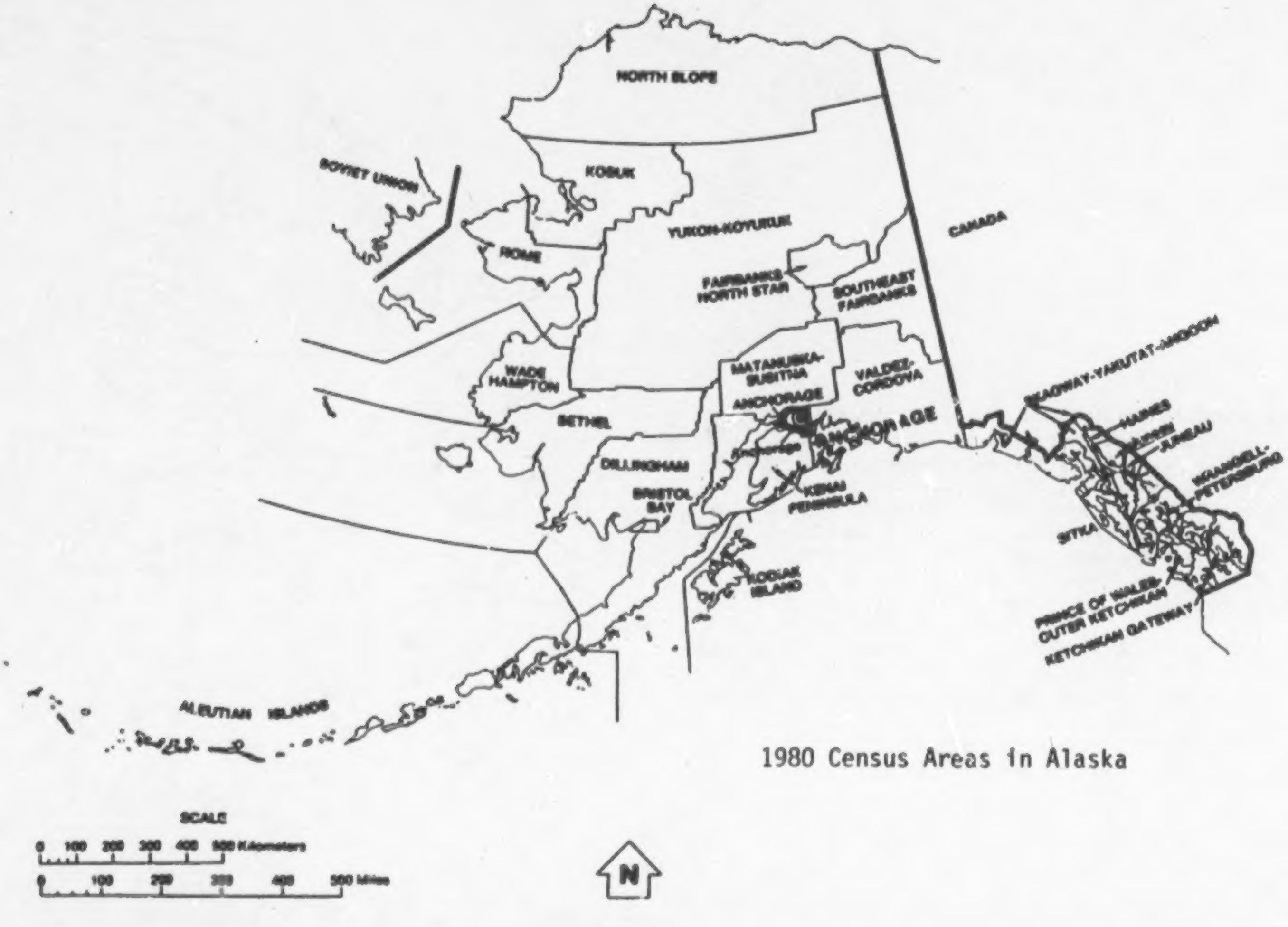
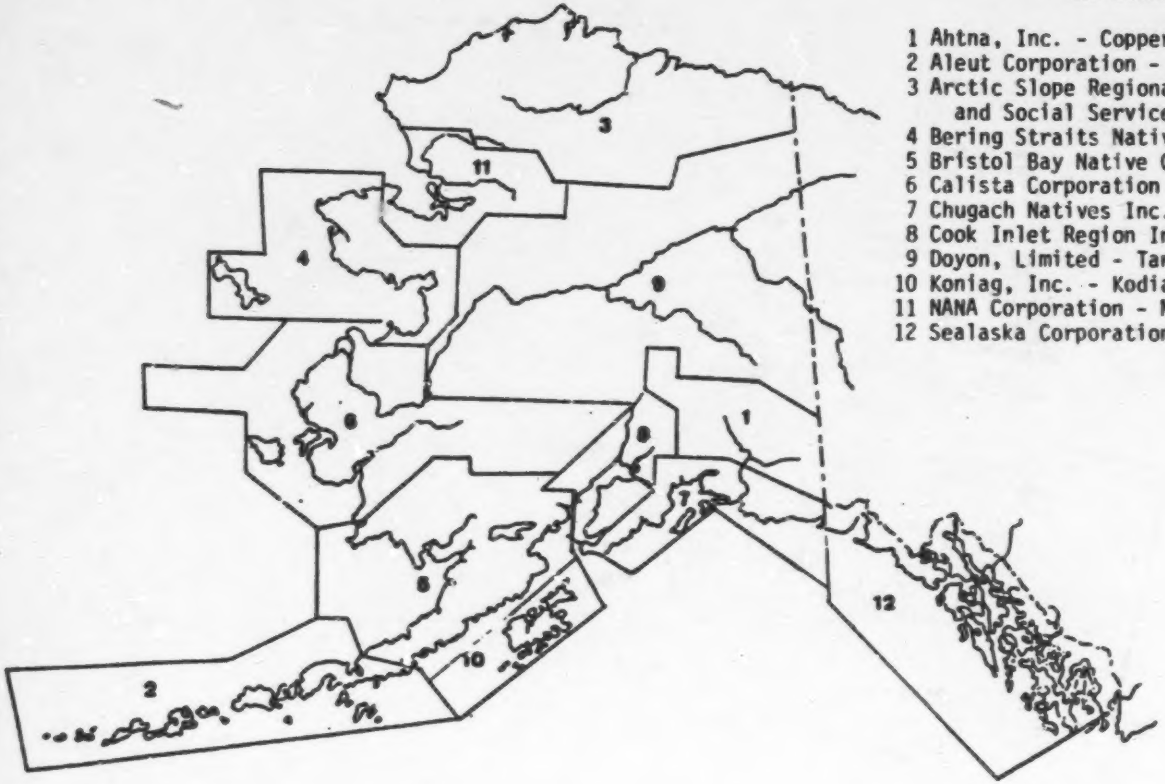
*Unless otherwise stated, rates in this report are standardized against the 1983 U.S. population.

Figure 1.01


NORTH SLOPE
SOVIET UNION
KOBUK
NOME
YUKON-KOYUKUK
CANADA
FAIRBANKS NORTH STAR
SOUTHEAST FAIRBANKS
WADE HAMPTON
MATANUSKA-SUSITNA
VALDEZ-CORDOVA
ANCHORAGE
BETHEL
ANCHORAGE
Anchorage
DILLINGHAM
BRISTOL BAY
KENAI PENINSULA
KODIAK ISLAND
ALEUTIAN ISLANDS
SKAGWAY-YAKUTAT-ANGOON
HAINES
JUNEAU
WRANGELL-PETERSBURG
SITKA
PRINCE OF WALES-OUTER KETCHIKAN
KETCHIKAN GATEWAY
SCALE
0 100 200 300 400 500 Kilometers
0 100 200 300 400 500 Miles
N

1980 Census Areas in Alaska

Figure 1.02



NATIVE REGIONAL CORPORATIONS
AND CORRESPONDING HEALTH CORPORATIONS

1 Ahtna, Inc. - Copper River Native Association
2 Aleut Corporation - Aleutian/Pribilof Island Association, Inc.
3 Arctic Slope Regional Corporation - North Slope Borough Health and Social Services Agency
4 Bering Straits Native Corporation - Norton Sound Health Corp.
5 Bristol Bay Native Corporation - Bristol Bay Area Health Corp.
6 Calista Corporation - Yukon-Kuskokwim Health Corporation
7 Chugach Natives Inc. - The North Pacific Rim
8 Cook Inlet Region Inc. - Cook Inlet Native Association
9 Doyon, Limited - Tanana Chiefs Conference, Inc.
10 Koniag, Inc. - Kodiak Area Native Association
11 NANA Corporation - Maniilaq Association
12 Sealaska Corporation - Southeast Alaska Regional Health Corp.

TABLE 1.01

Census Areas Within Single Native Regional Corporation and Health Service Area

CENSUS AREA	NATIVE REGIONAL CORPORATION	HEALTH SERVICE AREA
Haines Borough	Sealaska	Southeast
Juneau Borough		
Ketchikan Gateway Borough		
Prince of Wales - Outer Ketchikan		
Sitka Borough		
Skagway - Yakutat - Angoon		
Wrangell - Petersburg		
Aleutian Islands	Aleut	South Central
Anchorage Borough	Cook Inlet	
Bethel	Calista	
Bristol Bay Borough	Bristol Bay	
Kodiak Island Borough	Koniag	
Nome	Bering Strait	
Wade Hampton	Calista	
Fairbanks Borough	Doyon	Northern
Kobuk	Nana	

TABLE 1.02

Census Areas Within Multiple Native Regional Corporations and Health Service Areas

CENSUS AREA	NATIVE REGIONAL CORPORATION	HEALTH SERVICE AREA
Dillingham	Bristol Bay Cook Inlet	South Central
Kenai Peninsula Borough	Bristol Bay Chugach Cook Inlet	South Central
Matanuska - Susitna Borough	Chugach Cook Inlet	South Central
	Doyon	Northern
North Slope Borough	Artic Slope Doyon	Northern
Southeast Fairbanks	Calista Doyon	Northern
Valdez - Cordova Borough	Ahtna Cook Inlet Chugach	South Central
	Doyon	Northern
Yukon - Koyukuk	Chugach Ahtna*	South Central
	Doyon	Northern

* Only Cantwell, from Yukon - Koyukuk Census Area, is in Ahtna Native Regional Corporation.

TABLE 1.03

Population of Alaska by Census Area (Estimated*): 1979-1983

Census Area	1979	1980	1981	1982	1983
Alaska	413,700	419,700	435,200	460,800	510,554
01 North Slope	4,500	4,600	4,700	4,800	5,168
02 Kobuk	4,800	4,900	5,000	5,100	5,759
03 Nome	6,700	6,900	7,300	7,500	7,661
04 Yukon-Koyukuk	7,600	7,700	7,800	7,900	8,635
05 Fairbanks-North Star	57,700	57,800	58,300	59,200	64,810
06 Southeast Fairbanks	5,800	5,900	6,000	6,100	6,516
07 Wade Hampton	4,600	4,700	4,800	4,800	5,294
08 Bethel	10,700	11,000	11,100	11,300	12,232
09 Dillingham	4,600	4,700	4,700	4,700	5,623
10 Bristol Bay	1,100	1,200	1,200	1,300	1,275
11 Aleutian Islands	8,000	8,100	8,300	8,500	8,496
12 Matanuska-Susitna	18,400	20,200	23,300	25,200	29,849
13 Anchorage	180,200	179,000	184,700	200,500	227,070
14 Kenai	25,800	27,600	29,500	32,500	34,890
15 Kodiak Island	10,600	11,000	11,700	12,700	12,896
16 Valdez-Cordova	8,900	9,100	9,300	9,500	9,722
17 Skagway-Yakutat-Angoon	3,300	3,400	3,500	3,600	3,711
18 Haines	1,700	1,700	1,800	1,900	1,915
19 Juneau	18,900	19,800	21,100	22,000	25,964
20 Sitka	7,700	7,800	8,000	8,200	8,194
21 Wrangell-Petersburg	6,100	6,300	6,500	6,700	6,869
22 Prince of Wales	4,200	4,300	4,400	4,400	5,293
23 Ketchikan	11,800	12,000	12,200	12,400	12,712

Note: Figures in this table were taken from Alaska Population Overview, 1983, State of Alaska, Department of Labor, Research and Analysis Section. More recent estimates from the Department of Labor list total Alaska population for 1983 as 495,290.

TABLE 1.04

1983 Summary of Vital Events
Births, Deaths, Marriages, Divorces and Annulments

Census Area	1983 Population[1]	Live Births	Deaths	Marriages[2]	Divorces and Annulments[2]
STATE OF ALASKA	510,554	12,079	1,903	6,578	3,935
North Slope Borough	5,168	168	28	46	2
Kobuk	5,759	200	35	44	23
Nome	7,661	229	49	48	33
Yukon-Koyukuk	8,635	211	47	60	0
Fairbanks-North Star Borough	64,810	1,678	249	970	739
Southeast Fairbanks	6,516	147	22	72	2
Wade Hampton	5,294	192	24	32	0
Bethel	12,232	401	73	111	34
Dillingham	5,623	158	31	40	2
Bristol Bay Borough	1,275	22	4	10	1
Aleutian Islands	8,496	184	29	89	2
Matanuska-Susitna Borough	29,849	719	126	338	174
Anchorage, Municipality of	227,070	5,040	668	3,286	2,064

TABLE 1.04 - Continued

Census Area	1983 Population[1]	Live Births	Deaths	Marriages[2]	Divorces and Annulments[2]
Kenai Peninsula Borough	34,890	817	133	455	207
Kodiak Island Borough	12,896	324	46	149	99
Valdez-Cordova	9,722	204	52	122	42
Skagway-Yakutat-Angoon	3,711	79	22	38	0
Haines Borough	1,915	47	5	16	0
Juneau, City and Borough of	25,964	549	100	306	253
Sitka, City and Borough of	8,194	170	37	93	69
Wrangell-Petersburg	6,869	152	38	70	36
Prince of Wales Island - Outer Ketchikan	5,293	124	23	27	0
Ketchikan Gateway Borough	12,712	263	62	156	153

[1] Alaska Population Overview, 1983, State of Alaska, Department of Labor, Research and Analysis Section

[2] Classified according to place of occurrence; births and deaths are classified according to place of residence.

[3] More recent population estimates from the Department of Labor list total Alaska population as 495,290.

OVERVIEW

COLLECTION OF DATA

This report presents selected vital statistics for the calendar year 1983 using data from the statistical tape files of the Division of Planning, Department of Health and Social Services. The source of these data is the certificates of birth, death, marriage, divorce and adoption on file with the Bureau of Vital Statistics as of December, 1984. The certificates include transcripts of original certificates filed in other states for vital events involving Alaska residents. In 1983 there were 158 out-of-state births and 126 out-of-state deaths recorded.

Quality control procedures have been improved in the past year, resulting in an improvement in the data base for 1982 and 1983. Multiple year tables for births and infant deaths provide corrected 1982 figures. In the 1982 report approximately 2 percent of 1982 births were omitted due to a computer processing error. The omitted 1982 births were distributed throughout the population in a random manner and did not affect the relationships illustrated by the tables in the 1982 report. Infant deaths were over-reported in 1982 and corrected figures appear in the multiple year tables. Again, the errors did not affect relationships illustrated, such as relative mortality between regions or racial groups.

Vital Records (births, marriages, etc.) statewide are sent to Juneau from the recording districts to be stored and entered into a central computer-based record. Each recording district maintains copies of certificates of vital events which occur in its area and can supply copies of certificates of these events. Under the present system other requests, such as a request by a man in Nome for a certificate of a birth which occurred in Anchorage, are filed with the Vital Statistics Bureau in Juneau. With the completion of an on-line automation project in 1986, it will be possible to obtain copies of records of events which occurred anywhere in the state from the offices of the major recording districts.

Information from the records submitted to the Vital Statistics Bureau is coded and entered into the computer upon receipt. A variety of processing and editing programs are used to organize the information into a retrievable form, i.e., a data file. On death certificates, one piece of information, the cause of death, is handled differently. Coding for cause-of-death requires a person with special training, a nosologist, and currently is being done for Alaska and several other small population states by the National Center for Health Statistics (NCHS). Delays in receiving this information from NCHS have resulted in significant delays in the final processing of mortality statistics. Records of births or deaths which occurred out of state are processed separately when certificates are received from the state where the event occurred.

Cause of death information is entered on the death certificate and certified by the attending physician. Where a physician is not available, the magistrate or other responsible person may complete the certificate. The certificate asks for information on the causal and chronological sequence of events leading to the death. For example, a death certificate may read as follows:

Part I. Death was caused by:	Duration
Immediate Cause	
(a) postoperative bronchial pneumonia	3 days
Due to (b) lobectomy	1 Week
Due to (c) primary cancer of lung	1 Year

Part II.
Hypertensive cardiovascular disease

This death would be assigned to the code number 162.9 (malignant neoplasm of bronchus and lung) according to the Ninth Revision of the International Classification of Diseases (ICD-9). Codes for causes of death listed in the tables appear in Appendix I.

Most classifications of cause-of-death are straightforward. However, variations in the amount and type of information recorded by the certifying physician may create problems because the nosologist must base the classification on only the information which is on the certificate. Classifications of fire deaths is an example. If the cause of death is listed on the certificate as asphyxia by carbon monoxide, and no specific mention of fire is made, the death will be coded as "accidental poisoning by other gases and vapors" and will not be entered as a fire death. When information available to agencies such as Public Safety from other sources indicates the asphyxia was the result of fumes due to fire, the death will appear on their records as a fire death. The records from Public Safety indicate there were 27 fire deaths in 1983 while the vital statistics data files record only 17.

Differences between vital statistics records and the records of other agencies for violent deaths, such as suicides and homicides, also may occur. Generally, these occur when an inquest changes the classification of the cause of death. Inquest results are often not available until weeks or months after a death certificate is filed and may not be received in the Vital Statistics Bureau until after the statistical tapes for that calendar year have been processed. Procedures to reduce such discrepancies have been introduced. PLEASE SEE NOTE ON PAGE 14.

POPULATION

To understand vital statistics it is necessary to understand the characteristics of the population on which they are based because the number of people available to experience births and deaths affects the statistics derived from them. The number of people is not the only factor affecting statistics -- age, sex, race, education, and income also have their effects.

Alaska's 1983 population was estimated at 495,290 -- the smallest population of any state distributed across the largest land mass of any state. Three things stand out about Alaska's population: its youth, its racial makeup, and its rate of growth. The median age for Alaska in 1983 was 26. The median age for the U.S. was 30.9. Like the rest of the United States the majority of Alaskan residents are white. However, the state has a higher proportion of its citizens who were the original residents of its land than any state except Hawaii. The majority of these Alaskan Natives (Eskimo, Indian and Aleut) live in isolated rural areas, although they are increasingly becoming urbanized. Alaska's rate of growth is the highest in the nation. Its birth rate is also highest but in-migration, not natural increase, is primarily responsible for its rapid growth. Alaska's newly arrived residents are of a particular type. Unlike the migrants who have swelled the populations of the sunbelt states, Alaska's migrants are young adults. These young adults are primarily white and are more likely to be male than female. They are also more likely to be well educated and to have higher incomes.

The post-Pipeline in-migration peaked in the 1982-1983 period with a 5.3% rate of increase but slowed to a 3.5% increase in 1983-1984 (Department of Labor figures). With the continuing influx of white migrants, the percentage of Alaskan Natives in the state's population continues to decline, from 16% in 1980 to an estimated 14.5% in 1983. In contrast, Native Americans constitute about 0.6% of the total U.S. population.

Alaska accounts for only about two tenths of one percent of the population of the United States. Its nearest U.S. neighbor, Seattle, Washington, has more people within its urban and suburban boundaries than Alaska has in the entire state. Although Alaskans have vast areas available to them, they are, in fact, disproportionately concentrated in the City of Anchorage, where nearly half the state's population resides. Great distances separate Alaska's smaller communities and roughly two thirds of them have no access to a highway network. The geographic and climatic extremes that separate these small communities complicate delivery of health and educational services, which in turn affects health status.

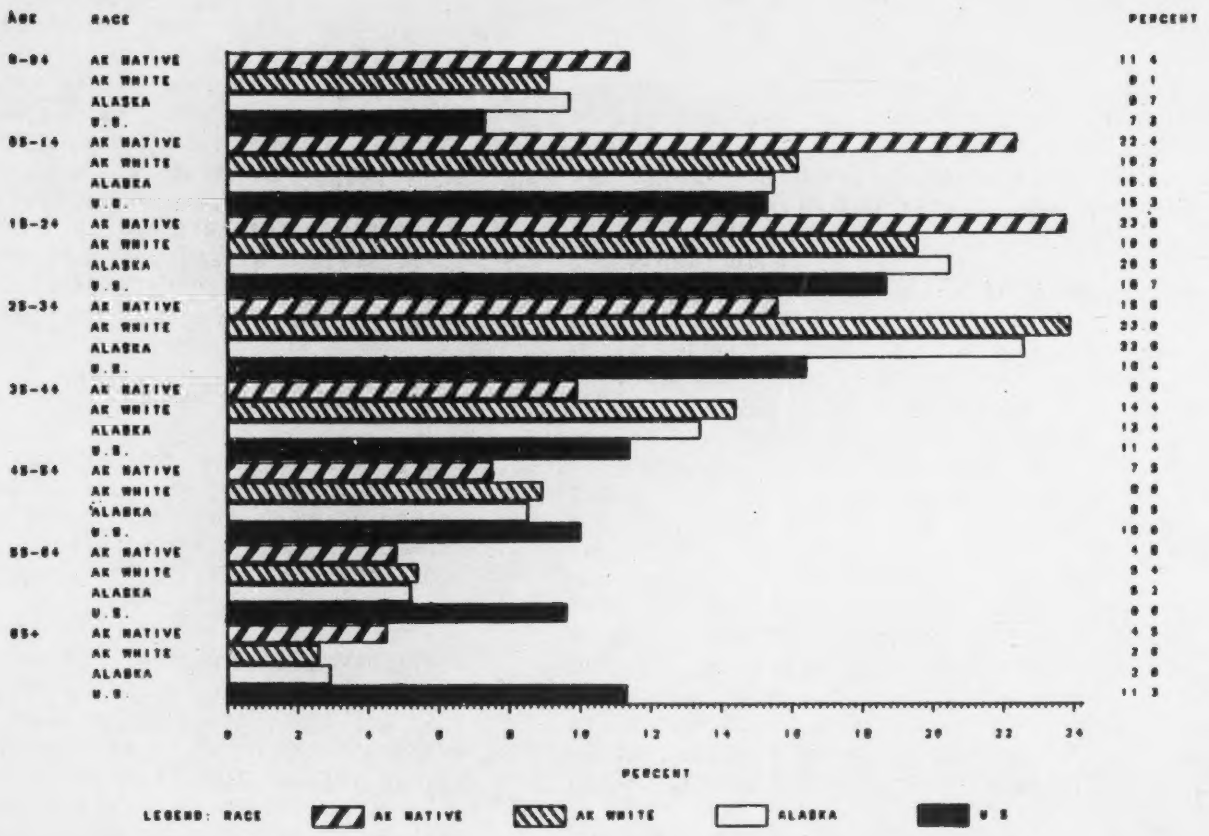
The small size and age composition of Alaska's population have important effects on interpretation of the numbers and rates of vital events. While it is true that the vital rate for a small population (for example 4.9 deaths per thousand) may accurately reflect what did occur in a particular year, such a rate may be very unreliable as an indication of what is generally true of that population, or what might be expected to happen again the next year. The effect of small numbers is discussed more fully at the close of this section. The age composition of the population also may mislead the unwary reader. For example, the crude death rate in Alaska (based on the total population without adjustments for age composition) for 1969/70/71 was 4.7, as compared with a national rate of 9.5 for the same period. This makes Alaska sound like a very healthy place to live. However, this low death rate is primarily the result of the youth of Alaska's population and the relatively small number of residents in the older age groups which have the highest mortality. If adjustments are made for the age of its population then the 1969/70/71 Alaskan death rate is 9.6, roughly the same as the rest of the United States.

Figure 1.03 on the following page presents the age profile of Alaska's White, Native and total population contrasted with 1980 census information on the U.S. as a whole. As can be seen, Alaska as a whole has a disproportionately large population between 25 and 34. It also has a disproportionately small population over age 45. In 1983, 11.7 percent of the population in the U.S. was over 65 years of age, while only 2.8 percent of Alaskans were over 65. The Native population is even younger than the White in Alaska with the greatest percentage between ages 15 and 24 and more than half of all Natives under age 24.

The population estimates used in computing rates shown in the tables in the body of this report were taken from the Department of Labor's 1983 Alaska Population Overview. These population estimates are shown in Table 1.03. More current estimates of the

Figure 1.03

1980 POPULATION AGE DISTRIBUTION:
ALASKA AND THE UNITED STATES



State's total population and its composition by age, sex, and ethnicity were made available by the Department of Labor shortly before publication of this report. It is the more recent figures which were used in the analyses presented in this portion of the report. The post-census total population estimates used in the analyses were as follows: 1981, 435,200; 1982, 460,837; and 1983, 495,290. New estimated figures for individual census areas were not available at publication time.

Within the limits of the time and resources available we have attempted to provide population breakdowns, adjusted rates, and guidelines for interpretation which will provide the reader with the most realistic picture of Alaska's demographic and health status characteristics.

RACE

In other states, as well as in Alaska, race and ethnicity often are correlated with health status. For this reason it is important for health professionals to have information on the relative health status of different groups so that program funds can be targeted on those whose need is greatest. Tables in this report usually list four groups: White, Native, Black, and Others. Native includes Eskimos, Indians, Aleuts, and non-Alaskan Native Americans. The Other group is primarily Asian and includes Filipinos, Japanese, Guamian, Vietnamese, and other non-Whites. Blacks constitute approximately 4% of the state's population and Other groups approximately 5%. Because the number of births or deaths within each of the latter two groups will be so small that chance variance will be large, these two groups have been omitted from many analyses. Readers should be very cautious in interpreting statistics on these groups for any one year. Note that in the tables which include rates the inclusion of one or two additional births or deaths could make a large difference in the reported rates.

Convention and convenience determine whether race of the mother, race of the child, or race of the father is used in birth tables. Almost all birth tables in this report use the race of the mother because that format is most useful to the Division of Public Health. However, the race of the child is used in computing fertility rates because national figures used for comparison are based on race of child. For mixed race children, the race of the mother is not necessarily the designated race of the child. The determination of race for mixed race children is based on social, not biological, criteria. An arbitrary scheme mandated by the National Center for Health Statistics is used to derive the race of the child from the race of both parents for birth records. The discrepancy between race of mother and race of child ranges from 30 percent of infants designated as Black to 5 percent of the infants designated as White.

On death records, the race of the decedent is based on information given to the recorder at the time of death. For infants this information is usually given by the parents, as a result, the race recorded on the death certificate may or may not be the same as that recorded on the decedent's birth certificate. Counts of 1983 "mis-matches" between birth and death records are not available for Alaska. However, Hawaii reports approximately 8 percent mis-matches between the two records in the case of infant deaths while Washington state reports 4 percent.

LIMITATIONS OF SMALL NUMBERS

For statistical purposes, the number of births or deaths in Alaska for any one year is very small and predictions based on small numbers are subject to errors due to chance variation. As previously mentioned, while it is true that the vital rate for one year for a small population (e.g., 4.9 deaths per thousand) may accurately reflect what did occur in a particular year, such a rate may be very unreliable as an indication of what is generally true of that population or what might be expected to happen again the next year. The smaller the number of cases, the greater the probability of chance variation, and the greater the possibility of errors in prediction. For example, the infant mortality rate for any one year obviously is related to how many births occurred during that year, and the number of births will vary from year to year. Thus, if the infant mortality rates for two areas are compared in a given year and one (or both) of the area's rates is based on a small number of births, it would not be unusual to find the comparison reversed the following year.

How then can the annual vital statistics be used to predict needs? Two methods are commonly used to improve prediction; confidence limits and the pooling of data from several years. The use of confidence limits makes it possible to assess the adequacy of the observed rate as an estimate of the true value. The interval between these limits becomes narrower when the number of vital events can be increased by combining years or combining smaller areas into larger ones, thereby increasing the stability of the measure and the accuracy of the prediction. However, aggregation over years or areas increases the stability of measures at the cost of loss of information. Combining years may mask trends. For that reason some rates are presented both by year and as moving averages over a span of years in the analyses. In all cases, the reader must actively apply his or her professional judgement when using vital statistics, particularly those involving small numbers.

The following presents an example of the use of confidence limits. Reliability of Alaska's 1983 infant mortality rate (shown in Table 3.14) would be assessed using the following formula:

$$\text{Confidence intervals} = R \pm \frac{1.96\ R}{\sqrt{d}}$$

R equals the infant mortality rate (12.2 deaths per thousand births) and d equals the number of deaths (147).

The confidence limits of Alaska's 1983 infant mortality rate are from 10.23 to 14.2. In other words, taking chance variance into account, 95 percent of the time the "true" infant mortality rate for 1983 would fall between 10.23 and 14.2. The confidence limits can be narrowed by combining several years e.g., 1981, 1982, and 1983. The average rate for those three years (11.7 per 1000) is based on 398 deaths. The confidence limits are between 10.55 and 12.85, almost half the interval found using individual years. The opposite effect exists when the infant deaths occuring in just one census area are examined. For example, the rate for Ketchikan for 1983 is 15 per 1000 but this is based on just 4 deaths and the confidence limits are plus or minus 14.7! The "true" infant mortality rate for Ketchikan could be as high as 29.7 or as low as .3.

Confidence limits can be particularly useful as a rough measure of whether a difference is statistically significant when comparing two points in time or two areas. For example, does the increase in the infant mortality rate from 1982 to 1983 shown in Table 3.14 represent a "true" increase, i.e., is it what is generally true of that population and what might be expected to happen the next year, or is it a difference produced by chance variation? The 95 percent level confidence limits for Alaska's 1982 rate are 9.22 to 13.18. As can be seen in Figure 1.2 the confidence limits for the two years overlap and chance variations may account for the increase and could reverse the comparison; that is, 1982 could well have been higher than 1983. Even the rate for 1979 has confidence limits which overlap those of 1983 and cannot be considered statistically significant in comparison to 1983's rate. Only the 1979 and 1982 rates have no overlap.

Figure 1.04

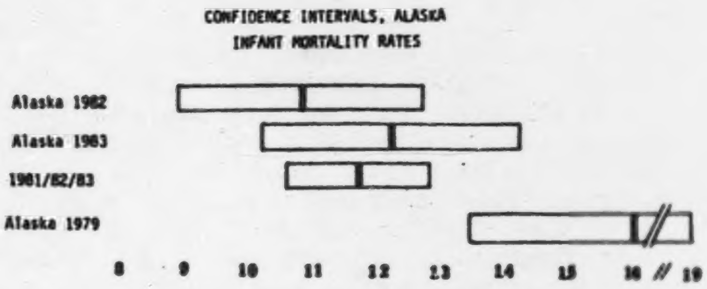


Figure 1.08, which presents the infant mortality rates from 1977 to 1983 for Natives and for Whites, provides a vivid picture of the effect of comparing two rates based on a small number of cases. In spite of the consistent separation between the rates for the two groups for each year, only the difference in 1979 is statistically significant. However, no Alaskan health professional would argue that difference between White and Native infant mortality rates was due to chance variations. The consistency of the difference over the years (and when the data are aggregated as in Figure 1.07) provides strong evidence of its reality. The need for applying professional judgement rather than blind reliance on individual rates or statistical tests is emphasized by the examples above. Using the confidence limits is a short cut method to assess statistical significance. When confidence limits do not overlap it is certain that the difference will be significant at the 95 percent level. However, with a a very small overlap in confidence limits, the difference may reach statistical significance by the usual tests of significance and the conventional method for determining significance should be used.

BIRTHS AND INFANT HEALTH STATUS

Although in-migration is responsible for a major portion of the population increase in Alaska, the rate of natural increase (the crude birth rate minus the crude death rate) also is well above that for the U.S. as a whole. The 1983 rate of natural increase for Alaska was 20.6, compared to the U.S. rate of 6.9. The Alaska figure is, of course, inflated by the youth of our population which results in a higher crude birth rate and a lower crude death rate. The crude birth rate for Alaska in 1983 was 24.4 births per thousand residents in comparison to 15.5 for the U.S. However, there were major differences between the birth rates for the different ethnic groups within the population. The crude birth rate based on race of child for Whites in Alaska is 22.2, for Natives 36.8, for Blacks 26.2 and for Others 15.2. The crude birth rates for the non-white races are increased by using the race of the child as a basis for computation. The child's race is used to make rates comparable to U.S. rates computed on the same basis. As discussed previously, the race of the child is based on that of both parents and, for example, if either parent is Black the child is designated Black. The race of the mother usually is of more interest to prenatal care programs. Based on the mother's race the birth rate for Whites rises slightly to 23.3, for Natives drops to 33.4, for Blacks drops sharply to 16.4 and for Others to 12.8.

Like other rates based on total population, use of the crude birth rate tends to distort the real picture because of the uniquely youthful nature of our population. The fertility rate, which is based on the number of women between the ages of 15 and 44, provides a more accurate picture. However, again, the use of the child's race means a higher rate for non-Whites, especially Blacks as can be seen in Table 1.05.

Alaska's fertility rate is 43 percent higher than the 1983 provisional rate for the U.S. The 1983 U.S. rates by racial group are not available, but comparisons can be made to 1982 rates for Whites and for Blacks, 63.9 and 84.1 respectively. Alaskan rates for both groups are substantially higher than the U.S. rates. Comparison rates for Native Americans are not available on a national basis, but the Alaskan Native rate is 132 percent higher than the national 1983 provisional rate.

The rates for individual years for Blacks and Others in Alaska should be viewed with caution as a relatively small number of births are involved. However, as illustrated in Figure 1.05, the relative rank of the four racial groups has been consistent across the years. Native fertility rates are highest and are increasing every year. White fertility rates are the next highest, but the rate of increase in fertility appears to have slowed or stopped in the last year. The rate for any one year does not provide enough evidence to determine a trend. However, a

TABLE 1.05

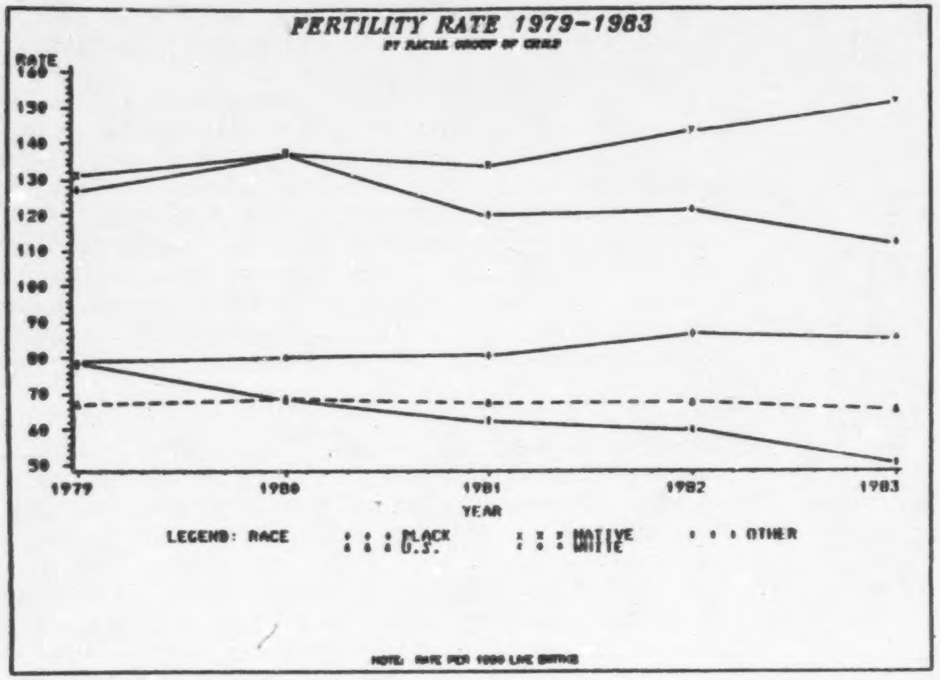
FERTILITY RATES FOR 1983

	Women 15-44	Births RoC	Rate RcC	Births RoM	Rate RoM
Alaska All	129,300	12,079	93.4	12,079	93.4
Alaska White	99,196	8,481	85.5	8,808	88.8
Alaska Native	17,705	2,682	151.5	2,407	136.0
Alaska Black	4,714	528	112.0	399	84.6
Alaska Other	7,684	389	50.6	326	42.4
U.S. All			67.3(1982)		N/A
U.S. White			63.9(1982)		N/A
U.S. Black			84.1(1982)		N/A

Notes:
1. RoC is number of births based on race of child
2. RoM is number of births based on race of mother.
3. Provisional 1983 fertility rate for U.S. is 65.4.
4. Where race of child was unknown, the unknowns have been distributed proportionately.
5. Rate per 1000 women age 15 to 44.

small decrease in rate for Whites would be consistent with changes on the national level. As is the case for Whites and Natives, Alaskan Blacks have had consistently higher fertility rates than Blacks in the rest of the U.S.; however, there is an apparent decrease from 1979 on. The Other group, which is primarily Asian, has noticeably lower and decreasing rates.

Figure 1.05

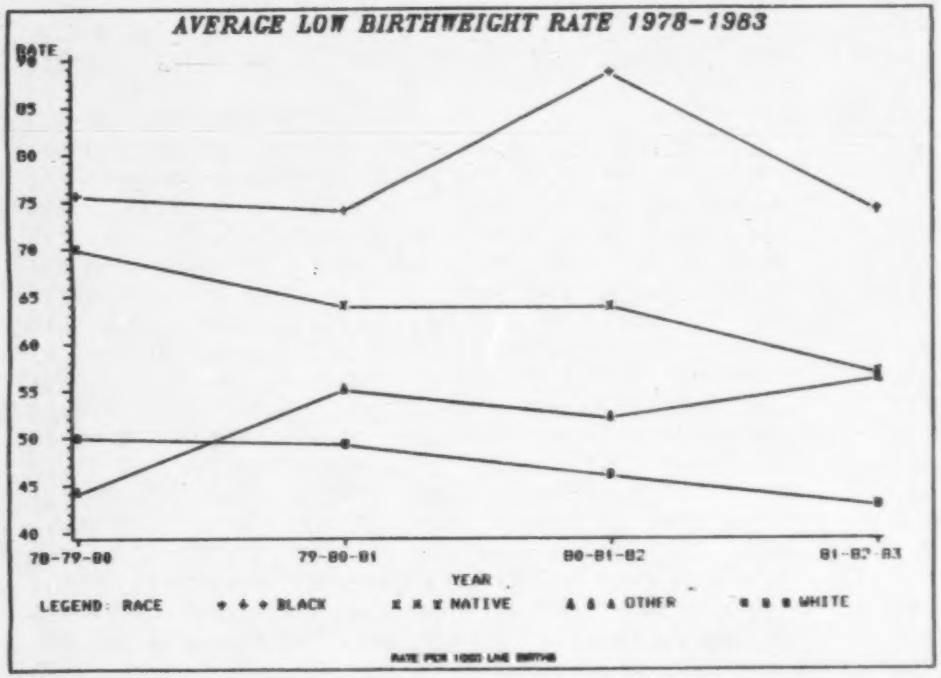


Low Birthweight

Low birthweight is the most important risk factor associated with infant mortality. Low birthweight babies, newborns who weigh less than 2500 grams (5 1/2 lbs.), are 40 times more likely to die in the first month than are normal infants. The low birthweight baby also is five times as likely to suffer severe handicaps such as blindness, deafness, mental retardation, or a variety of neurodevelopmental handicaps. The risks increase with decreasing birthweight--the risk of death in the first month is 200 times greater for the infant weighing less than 1,500 grams at birth than for the normal birthweight infant. A recent Institute of Medicine report recommends improved prenatal care and expanded funding to reduce the number of babies born too small and thus infant deaths. They estimate that each dollar spent on prenatal care for high-risk women would save $3.38 in medical costs for postnatal treatment for low birthweight babies. The federal government has established a goal of no more than 5 percent of all live births under 2500 grams. Further, that no racial or ethnic group should have a rate of low birthweight babies which exceeds 9 percent of all live births.

The percentage of low birthweight births for the U.S. was 6.8 in both 1981 and 1982. The 1983 U.S. figure is not yet available. For Alaska, only 4.7 percent of the babies born in 1983 were below 2500 grams. There is, however, variation in the low birthweight rate for the different racial groups within Alaska. As expected, the White population has a low percentage of newborns under 2500 grams (4.4 percent), the Native percentage is 23 percent higher than the White (5.4 percent), the Black highest at 5.5 percent and the Other is lowest at 3.9 percent -- all groups being lower than the percentage for the U.S. as a whole. The relationship between the Black, White, and Native groups remains consistent over the years 1978 to 1983 as seen in Figure 1.06 which presents the moving averages for these years for each group. The moving averages also indicate that the relatively low percentage of low birthweight babies for Blacks in 1983 probably is a chance variation from the expected trend. Even combining three years provides relatively small numbers for the Black and Other groups and chance variance will be large.

Figure 1.06



Nationally, the percentage of low birthweight babies for Blacks was 12.4 percent in 1982 (the latest figure available), more than twice the percentage of White low birthweight. There have been a number of reasons cited for the Black-White differential in pregnancy outcome, including the high prevalence among Blacks of poor nutrition, low socioeconomic status, and limited access to prenatal care. However, an analysis of 1981 birth data found that even among college educated, married black women who had good prenatal care the rate was 5.7, while an equivalent group of white women had a rate of 2.3. This suggests there may be racial factors which contribute to the higher incidence of low birthweight newborns among Blacks.

Racial factors also may contribute to the fact that the incidence of low birthweight babies among Alaskan Natives is lower than the national rate although the Native infant mortality rate is high. Data from the 1980 Improved Pregnancy Outcome study done in Fairbanks indicate that Native mothers tend to have babies with higher birthweights than comparable White mothers. National figures for American Indians also suggest a racial factor which may predispose Indian Mothers to have heavier babies independent of the effect of prenatal care or general health status. In spite of their generally poor health status, the 1982 percentage of low birthweight infants for American Indians was 6.2, below the 6.8 percent for the U.S. as a whole. The moving average for American Indians for 1977-78-79 was 6.5 percent.

Infant Mortality

The infant mortality rate (IMR) is considered one of the major indicators of health in any country. Although the United States' ranking is good for many health status indicators, its infant mortality rate is higher than that of most developed countries. The World Health Organization, using 1980 figures; ranks the United States 20th, behind such countries as Sweden, Japan, Great Britain, Spain, Ireland and Canada. The IMR for 1983 of 10.9 deaths per thousand live births is the lowest in U.S. history. However, leaders in the field of public health are not pleased with that figure as it indicates a change in the pattern of rapid decline of the past thirty years. The Department of Health and Human Services reported that in 1983 the rate of decline for IMR slowed for the first time in 12 years. The 1983 IMR decline of 2.7 percent (and 2.8 percent in 1982) was well below the annual average decline of 4.6 percent for the previous ten years.

Alaska's 1983 IMR of 12.2 deaths per thousand live births is higher than the national rate of 10.9. However, this may represent chance variation as the total number of infant deaths each year in Alaska is very small. In two of the past five years the state IMR has been lower than the national.

Within the state there are substantial differences in the IMR for different areas and different racial groups. Table 3.14 shows that the three most northern census areas have had higher IMRs than the rest of the state for the past five years. The Northern Alaska Health Association attributes the higher rate for northern regions to the unacceptably high IMR for Native Alaskans. Figure 1.07 illustrates the differences in IMR for Alaska's major racial groups for 1978 to 1983 using three year moving averages. Figure 1.6 presents White and Native IMRs for each year from 1977 to 1983. Blacks and Others are not included in Figure 1.6 because the number of infant deaths in any one year is so small.

The greater variability in rates from year to year shown in Figure 1.08 illustrates the variance associated with small numbers. Also illustrated is the loss of information which accompanies aggregation of data in Figure 1.07, i.e., the supression of the increase in IMR for both Whites and Natives in 1983 when 1981, 82 and '83 are averaged. The increases are not statistically significant and may represent chance variations. However, they should be monitored, particularly because there has been a slowdown in rate of decrease of infant deaths on the national level.

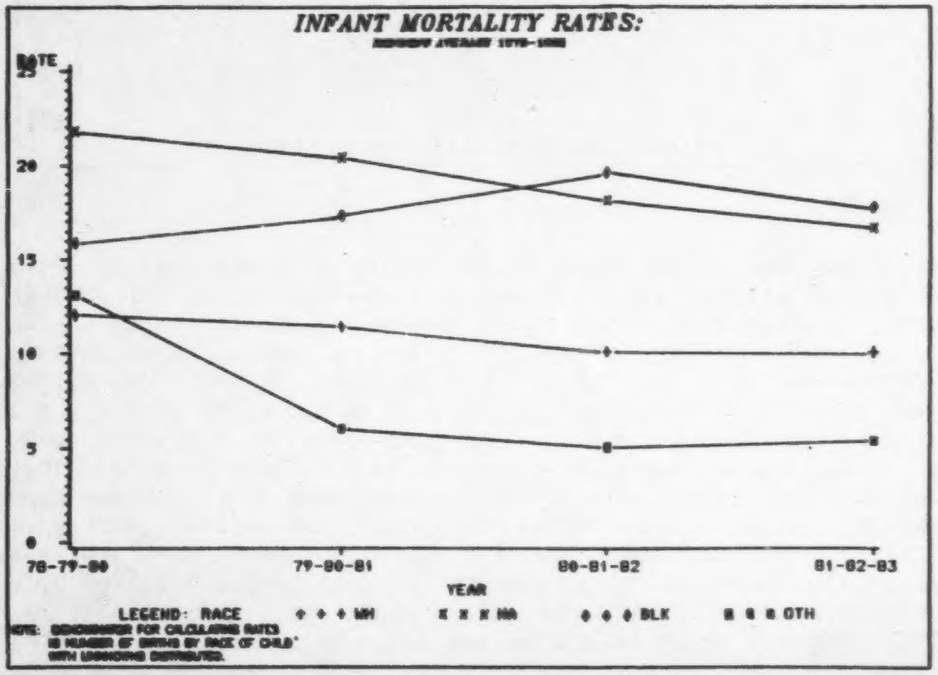
In spite of the variance in the Black and Other rates associated with the small number of events for those two groups, IMR trends over the six years illustrated can be seen. The Other (or primarily Asian) group has the lowest IMR. That low IMR is consistent with reports from the National Center for Health Statistics that, in general, mortality statistics for Asians are better than those for Whites. Black and Native IMRs are substantially higher than those for Whites over the six year span. The estimated U.S. rates for 1983 were 18.43 for Blacks and 10.78 for Whites. The 1982 U.S. infant mortality rate for black infants also was almost twice that for white infants, as it was 20 years earlier. The difference in IMR between the two groups narrowed slightly in the '70s and is widening again in the '80s. The difference between the IMRs for Black and White groups in Alaska, 17.3 and 10.5 respectively, is not substantially different from the national difference, although the small numbers involved in the Alaskan rates require caution in interpretation.

The IMR for Alaskan Natives has decreased rapidly over the past 15 years. The trends illustrated in Figure 1.07 suggest that the gap between White and Natives IMRs is continuing to narrow. However, delivery of health services in isolated rural areas is difficult and the infant mortality among Alaskan Natives continues to be undesireably high. National figures for infant mortality among American Indians are not available for 1983. However, an average IMR of 14.6 per 1000 is reported for the period 1978-80, considerably lower than the Alaskan Native rate of 21.8 for that period and lower than the 16.7 Alaskan Native IMR for 1981-83.

The number of infant deaths from any one cause or for any one racial group is so small that chance variation will be extremely large. The frequencies in Table 3.18 indicate how small numbers from any one year can be. However, some trends can be detected in Tables 3.16 and 3.17 which provide rates for 1979 through 1983. Note that the classification scheme in Table 3.18 differs from that of Tables 3.16 and 3.17 (see Appendix I). The rates for Native infant deaths have been higher than those of non-Natives for all the years listed. This relationship is illustrated in Figures 1.07 and 1.08. Figure 1.07 also indicates that the IMR for Blacks in Alaska is higher than that for Whites and similar to that of Natives. Again, the number of Black infant deaths aggregated over 5 years is still very small and should be interpreted with caution.

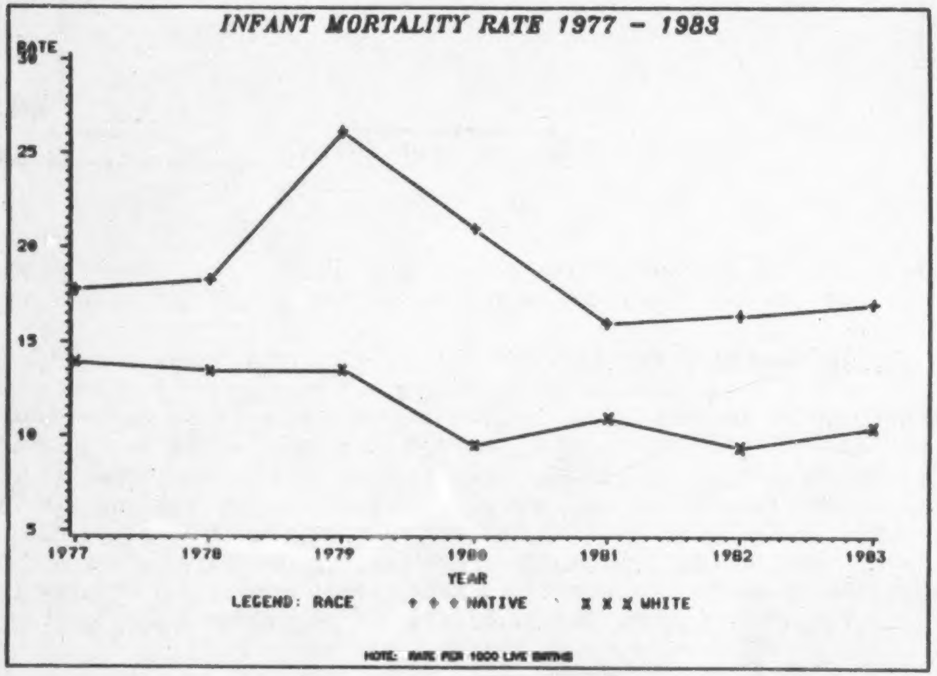
A few causes-of-death show a particularly strong pattern of higher rates for Native infants than non-Native. The rate of Native infant deaths from pneumonia and influenza is consistently higher than that for non-Native infants over the years. The non-Native rate is lower than the national rate as well. The high rate for Native infants seems to contribute most to Alaska's higher-than-national rate for that cause-of-death. Sudden infant death syndrome (SID) is substantially higher for Natives than non-Natives, and higher for Alaska than for the U.S. Both Native and non-Native rates in Alaska for SID are consistently higher than the national rate over the years. Death rates from disorders relating to short gestation and low birthweight also are higher for Natives than for non-Natives within Alaska. However, the

Figure 1.07



rate for Alaskans as a whole has been lower than the U.S. rate for 1980 through 1983. When deaths under one year are separated into deaths under 28 days (neonatal) and deaths from 28 days to one year (postneonatal), additional differences in health status of Alaska's Native and White populations can be seen. Although both neonatal and postneonatal rates are higher for Natives than for White groups, the difference between the two groups is much larger for postneonatal than for neonatal deaths. Over the six year period from 1978 to 1983 the average neonatal mortality rate for Natives was 1.57 times the rate for Whites. However, the average postneonatal rate was 2.7 times the White rate. This difference between neonatal and postneonatal rates is true for Native Americans in general. The neonatal mortality rate for the American Indian and Alaskan Native population in 1977-1979 was 0.8 times that of the U.S. All Races rate for 1978. However, the postneonatal rate for 1977-1979 was 1.8 times the U.S. rate for 1978.

Figure 1.08



The White population's relatively higher ratio of neonatal to postneonatal deaths is consistent with their lower infant mortality rate and better access to medical and health services. A 1981 National Center for Health Statistics report stated:

"In general, the lower the infant mortality rate, the higher the proportion of deaths that occur in the first month of life (and the first week and hours). This is due to the fact that very early deaths tend to be from congenital malformations, injuries at birth, prematurity, and other causes which are not easily prevented by modern medical and health measures; while later infant deaths tend to be from infectious diseases, nutritional problems, and other causes that are more susceptible to modern approaches. Thus, as advances in medicine and health lower the infant mortality rate, the benefits are more evident at ages over 1 month, and infant deaths become increasingly more concentrated at the youngest ages." (MVSR, Vol. 30, No. 13, Annual Summary 1981)

As advances in medicine and health become more available to Native Alaskans a general reduction in IMR can be expected. This reduction should be greater for postneonatal deaths than for neonatal deaths which are not as easily prevented.

SPECIAL NOTICE

IMPROVED QUALITY CONTROL MEASURES HAVE MADE IT POSSIBLE TO PROVIDE MORE ACCURATE DATA ON VIOLENT DEATHS FOR 1983 THAN HAVE BEEN AVAILABLE FOR PREVIOUS YEARS. THE TABLES IN THE FOLLOWING SECTION SHOW GREATER FREQUENCIES AND HIGHER RATES OF SUICIDE AND HOMICIDE THAN HAVE BEEN REPORTED IN PREVIOUS YEARS. THE INCREASED NUMBER OF VIOLENT DEATHS FOR 1983 IS A RESULT OF IMPROVED QUALITY CONTROL, NOT THE RESULT OF A SUDDEN EPIDEMIC OF SUICIDES AND HOMICIDES. THE DIVISION OF PLANNING HAS UNDERWAY A RESEARCH PROJECT ON VIOLENT DEATH STATISTICS WHICH IS EXPECTED TO SHOW AN INCREASE IN THE NUMBER OF REPORTED DEATHS DETERMINED TO BE SUICIDES OR HOMICIDES IN YEARS PRIOR TO 1983. A SPECIAL REPORT ON VIOLENT DEATH WILL BE PUBLISHED WHEN THE RESEARCH PROJECT IS COMPLETED.

DEATHS

In 1983, the number of deaths for Alaska residents was 1901, an increase of 105, or 5.8%, over the 1796 deaths reported in 1982. The resulting crude death rate of 3.84 per 1,000 population was, however, slightly smaller than the 3.90 rate for 1982 due to an increase in the state's total population.[1]

Alaska's crude death rate, standardized for comparison with the 1983 United States population, was 9.24, compared with 8.60 for the U.S. (see Table 1.2). Alaska's very low crude death rate of 3.84, then, was not the result of lower death rates at each age level compared to the U.S. Examination of the age-specific death rates for Alaska and the U.S. presented in Tables A.1, in fact, reveals that at every age level except ages 75-84, Alaska's death rate was higher than that for the U.S. Alaska's crude death rate was lower because Alaska has a smaller proportion of its population in the older age groups where the death rates are particularly high.

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[1] Please note that the total population for Alaska for 1983 given in Table 3.2A is 570,554, as published in the 1983 Population Overview, Department of Labor, Research and Analysis Section. However, an updated population estimate for Alaska's 1983 population provided by that agency on May 22, 1985 was 495,290. This latter figure was used as the denominator for calculating the rates in Table 1.06 and other tables. However, the updated estimates did not provide specific breakdowns by census area, so that recalculation of death rates by census area was not possible.

Table 1.06

AGE-SPECIFIC DEATH RATES

Alaska and United States

(From all causes, per 1,000)

Age	Alaska[1] 1983	U.S.[2] 1982
<1		11.64
1-4	3.34[3]	0.57
5-14	0.43	0.28
15-24	2.00	1.01
25-34	1.59	1.25
35-44	2.15	2.07
45-54	5.99	5.50
55-64	13.21	12.98
65-74	30.58	28.85
75-84	63.14	63.30
85+	165.08	150.48
Crude Death Rate	3.84	8.50
Age-Adjusted Death Rate[4]	9.24	8.60

---

[1] Based on 1983 age-specific population estimates for Alaska developed by Alaska Department of Labor, Research and Analysis Section, computer printout, 5/22/85.

[2] "Advance Report of Final Mortality Statistics, 1982," Monthly Vital Statistics Report, National Center for Health Statistics, Vol. 33, No. 9, Supplement, December 20, 1984, pp. 17-20 (rates per 100,000).

[3] This rate is for ages <5 inclusive per 1983 population estimates for Alaska.

[4] Adjusted rates computed by direct method, using as the standard population the age distribution of the U.S. population in 1983.

The sex-specific death rate for males was 4.6 per 1000, compared to 2.9 for females (see Table 1.07). Age-specific rates for men exceeded the corresponding age-specific rates for women at all levels except age 85 and older. The greatest differences occurred in the age group 75-84 years.

Table 1.07

NUMBER AND RATES OF DEATHS BY AGE AND SEX

(From all causes, per 1,000)

Alaska, 1983

Age	Male		Female	
	Freq.	Rate	Freq.	Rate
0-4	97	3.6	76	3.0
5-14	20	0.5	16	0.4
15-24	134	2.8	41	1.0
25-34	144	2.2	50	0.9
35-44	112	2.8	43	1.3
45-54	172	8.1	61	3.4
55-64	204	15.4	123	10.7
65-74	190	38.0	111	22.9
75-84	114	78.7	90	50.5
85+	36	158.6	68	168.3
TOTAL	1223	4.6	679	2.9

In Alaska, the death rate is higher for males than for females among Whites, Natives, and other races, but not among Blacks (see Table 1.08). The greatest difference in 1983 is among Natives, where the male death rate is almost 1.5 times greater than the female rate.

Table 1.08

DEATHS AND DEATH RATES BY RACE AND SEX

ALASKA AND UNITED STATES

(rates for all causes per 100,000)

	Alaska		U.S.[1]
Race	Freq.	Rate[2]	Rate
Whites	1337	354.0	882.7
Males	881	433.0	958.6
Females	456	261.0	810.4
Natives	476	661.0	770.0[3]
Males	288	785.0	N/A[4]
Females	188	531.0	N/A[4]
Blacks	55	277.0	811.9
Males	30	269.0	950.2
Females	25	289.0	687.8
Other Races	20	79.0	721.4[5]
Males	16	121.2	843.8[5]
Females	4	32.8	610.2[5]
All Races	1888	381.2	858.9
Males	1215	459.6	942.0
Females	673	291.4	780.3

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[1] "Annual Summary of Births, Deaths, Marriages, and Divorces: United States, 1983", *Monthly Vital Statistics Report*, National Center for Health Statistics, Volume 32, No. 13, September 21, 1984.

[2] These race/sex specific death rates for Alaska have not been age-adjusted. Age-adjustment would facilitate direct comparison with the U.S. rates.

[3] 1979 figures for Alaskan Natives and American Indians as given in FY 1984 Budget Appropriation, IHS "Chart Series" Tables, Office of Program Statistics, Division of Resource Coordination, Indian Health Service, April 1983.

[4] U. S. Death rates for Natives by sex were not available.

[5] U.S. "Other Races" includes Alaskan Natives and American Indians.

The highest death rate among all the groups is among Native males, whose rate is 1.8 times the rate for White males. The death rate for Native females also exceeds that for White males.

The death rate for each race/sex specific group is higher in the U. S. than in Alaska. This is probably due to the fact that the proportion of the population in each race/sex category that are in the older age groups is considerably larger in the U.S. than in Alaska.

While Natives compose 14.5 percent of Alaska's population in 1983, they make up a considerably larger proportion of deaths in the state, over 25 percent (see Figure 1.09).

Table 1.09

NUMBER AND PERCENTAGE OF DEATHS BY AGE AND RACE

(all causes)

ALASKA, 1983

Age	Race									
	White		Native		Black		Other		All Races	
	N	%	N	%	N	%	N	%	N	%
0-4	109	8.1	49	10.3	9	16.4	3	15.0	170	9.0
5-14	27	2.0	8	1.7	0	0.0	0	0.0	35	1.9
15-24	99	7.4	68	14.3	4	7.3	2	10.0	173	9.2
25-34	139	10.4	47	9.9	5	9.1	3	15.0	194	10.3
35-44	118	8.8	27	5.7	6	10.9	1	5.0	152	8.0
45-54	167	12.5	59	12.4	3	5.5	3	15.0	232	12.3
55-64	252	18.9	60	12.6	9	16.4	4	20.0	325	17.2
65-74	213	15.9	78	16.3	9	16.4	1	5.0	301	15.9
75-84	141	10.5	53	11.1	7	12.7	2	10.0	203	10.7
85+	73	5.5	27	5.7	3	5.5	1	5.0	104	5.5
TOTAL	1338	100.0	476	100.0	55	100.0	20	100.0	1889	100.0

A greater proportion of Native deaths occur in the younger age groups than is true for any other racial group in Alaska in 1983 (Table 1.09). In all, 26.3 percent of Native deaths occur before age 25: the comparable figure for whites is 17.5 percent.

Cause of death classifications for 1983 Alaska resident deaths are based on the ninth revision of the International Classification of Diseases. Figure 1.10 shows the leading causes of death.[2] The three leading causes of death in Alaska in 1983 are accidents (22 percent), diseases of the heart (20 percent), and malignant neoplasms or cancer (19 percent). These three causes account for 61 percent of all deaths.

Comparable data for the United States are given in Table 3.7A. The percentage of U.S. deaths caused by diseases of the heart is nearly twice that for Alaska (38 percent compared to 20 percent). The proportion of U.S. deaths attributed to cancer is slightly larger than in Alaska (22 percent compared to 19 percent). The third leading cause of death in the U.S. is cerebrovascular diseases (7.8 percent compared with Alaska's 3.8 percent).

While accidents account for only 4.5 percent of the deaths in the United States in 1983, they are the

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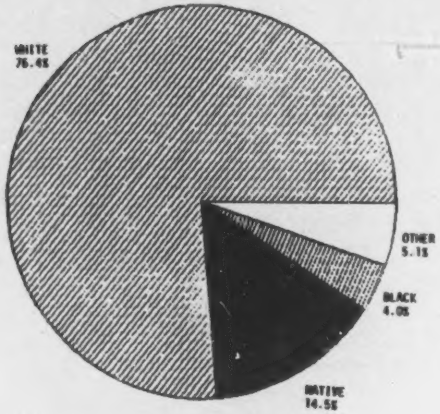
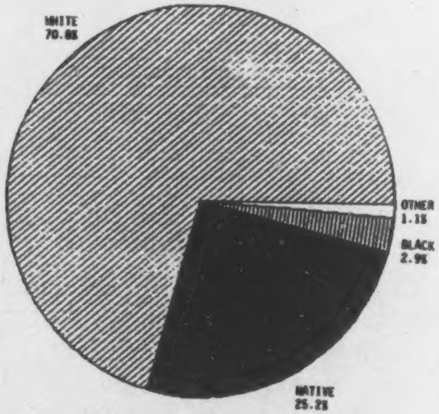
[2] Note that the categories on cause of death are somewhat different in Tables 3.5, 3.6, and 3.7. Figure 1.10 is based on Table 3.7A.

Figure 1.09

DISTRIBUTION OF POPULATION BY RACE
ALASKA, 1983



DISTRIBUTION OF DEATHS BY RACE
ALASKA, 1983



leading cause of death in Alaska, with about 1 of 5 deaths attributed to accidents.

Tables 1.10 through 1.14 and Figure 1.11 present death rates by cause by age, sex, race, and race/sex categories. In Table 1.10, comparisons are shown for Alaska and the U.S. for 1983, as well as an average for Alaska for the period 1981-83. Note that Alaska rates for deaths from diseases of the heart are lower at each age level than the U.S. rates. The death rate from this cause is higher for males than for females among Whites, Natives, and "other" races (Table 1.14). However, Black females have a higher heart disease death rate than do Black males. The Native male death rate from this cause (111.8) is higher than for any other race/ sex category in Alaska, and yet it is considerably lower than the 1983 U.S. rate for all races, and the 1979 rate for Natives, both male and female, nationwide (Table 1.13).

For malignant neoplasms, the Alaska average rates for 1981-83 for ages 25-64 are lower than the U.S. rates, but are higher for ages 65 and over. Males in Alaska have a higher death rate from cancer than do females (77 versus 68, Table 1.12). Natives have the highest rate among all racial groups in Alaska; it is especially high among Native females (Table 1.14). The Alaska Native rate, while lower than the U.S. rate, is, nevertheless, 40 percent higher than the rate for all Natives in the U.S. (Table 1.13).

Accidents are responsible for the deaths of 413 Alaska residents in 1983. The accidental death rate of 82 per 100,000 population, is more than double the U.S. rate of 39 (Table 3.7A). The age-specific death rates in Alaska are two to three times greater

Figure 1.10

SEVEN LEADING CAUSES OF DEATH
ALASKA, 1983

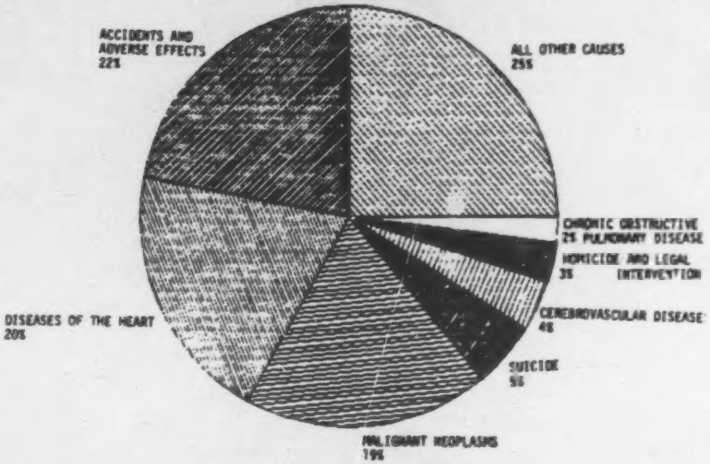
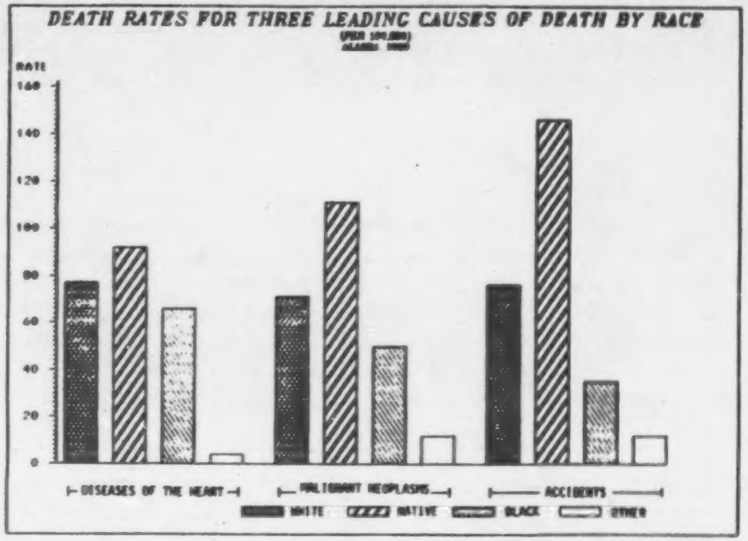


Figure 1.11



the corresponding U.S. rate at all age levels from 15 to 64 (Table 1.10). Climate, terrain, "frontier" lifestyle, and a comparatively young population are thought to contribute to the extremely high accident rate in the state.

Accidents were the leading cause of death for Alaskans in age groups 5-14 years, 15-24 years, 25-34 years, 35-44 years, 45-54 years (Table 1.15). Alaskans aged 5-34 accounted for 21.3% of all deaths, but accounted for 57.9% of all accidental deaths. Accidents accounted for 142, or over two-thirds (68.3%), of the 208 deaths of Alaskans aged 5-24. It is among the Natives, especially Native males, that the death rate from accidents is the highest (Table 1.14). The Alaska Native rate is even higher than the rate for Natives nationwide (Table 1.13). The accidental death rate even among Whites in Alaska is twice the U.S. rate for all races in 1983.

Males account for 77.7 percent of the accidental deaths compared to 64.4 percent of all deaths. For every type of accident, males have a higher death rate than females (Table 1.16).

Motor vehicles, the major cause of accidental deaths, account for 31.5 percent of Alaska's total. The State's motor vehicle death rate for 1983 is 27.7 per 100,000 population compared to the United States rate of 18.7 for the same year. Of the 137 motor vehicle

Table 1.10

AGE-SPECIFIC DEATH RATES BY CAUSE OF DEATH SELECTED CAUSES

(per 100,000)

Diseases of the Heart

Ages	Alaska[1] 1983	Alaska[2] Moving Average 1981-83	U.S.[3] 1983
35-44	23.6	28.0	40.2
45-54	115.6	124.7	166.1
55-64	420.0	398.5	467.1
65-74	914.3	1,069.1	1,144.1
75-84	2,073.7	2,257.8	2,737.1
85+	5,555.6	6,612.5	7,502.6

Malignant Neoplasms

Ages			
25-34	9.0	9.9	13.2
35-44	30.5	27.5	45.7
45-54	146.5	144.5	174.3
55-64	448.3	420.0	439.4
65-74	965.1	918.5	831.7
75-84	1,361.8	1,512.6	1,227.6
85+	1,746.0	1,680.2	1,610.5

Accidents and Adverse Effects

Ages	Alaska 1983	Alaska Moving Average 81-83	U.S. 1983
0-4	34.7	34.9	23.6*
5-14	27.3	27.1	13.2**
15-24	137.0	115.0	48.7
25-34	90.0	96.0	38.7
35-44	84.6	88.8	31.3
45-54	154.2	108.4	33.1
55-64	88.8	87.7	35.5
65-74	101.6	84.5	48.8
75-84	185.7	189.1	101.3
85+	793.7	542.0	267.7

*Calculated by weighting the rates for <1 and 1-4.
**rate for 1982.

Cerebrovascular Diseases

45-54	18.0	21.7	21.4
55-64	36.3	51.8	58.8
65-74	213.3	216.8	184.3
75-84	650.0	678.5	652.4
85+	1,746.0	2,113.8	1,985.6

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[1] Based on 1983 age-specific population estimates for Alaska developed by the State Department of Labor, Research and Analysis Section, computer printout, May 22, 1985.

[2] Denominator for calculating the moving average was 3 times the 1982 specific population estimates for Alaska developed by the State Department of Labor, Research and Analysis Section, computer printout, May 22, 1985.

[3] "Annual Summary of Births, Deaths, Marriages, and Divorces: U.S., 1983", Monthly Vital Statistics Report, National Center for Health Statistics, Vol. 32, No. 13, September 21, 1984.

Table 1.11

AGE-SPECIFIC DEATH RATES BY CAUSE
Alaska, 1983
(Frequency, Percent, Rate per 100,000)

Cause of Death	0-4			5-14			15-24			25-34			35-44		
	F	%	R	F	%	R	F	%	R	F	%	R	F	%	R
Disease of the Heart	4	2.	7.7	1	3.	1.2	2	1.	2.3	4	2.	3.3	17	11.	23.6
Malignant Neoplasms	3	2.	5.8	2	6.	2.4	6	3.	6.9	11	6.	9.0	22	14.	30.5
Cerebrovascular Diseases	1	1.	1.9	0	--	--	0	--	--	2	1.	1.6	0	--	--
Accidents and Adverse Effects	17	10.	32.8	23	66.	27.3	108	62.	123.3	108	56.	88.4	52	34.	72.1
Chronic Obstructive Pulmonary Disease	0	--	--	0	--	--	0	--	--	0	--	--	1	1.	1.4
Pneumonia & Influenza	5	3.	9.7	0	--	--	0	--	--	3	2.	2.5	2	1.	2.8
Diabetes Mellitis	0	--	--	1	3.	1.2	--	--	--	2	1.	1.6	1	1.	1.4
Suicide	0	--	--	2	6.	2.4	29	17.	33.1	27	14.	22.1	17	11.	23.6
Chronic Liver Disease & Cirrhosis	0	--	--	0	--	--	0	--	--	3	2.	2.5	7	5.	9.7
Atherosclerosis	0	--	--	0	--	--	0	--	--	0	--	--	0	--	--
Homicide and Legal Intervention	3	2.	5.8	1	3.	1.2	13	7.	14.8	15	8.	12.3	17	11.	23.6
Perinatal Period Conditions	50	30.	96.5	1	3.	1.2	0	--	--	0	--	--	0	--	--
Nephritis, Nephrotic Syndrome	0	--	--	0	--	--	0	--	--	1	1.	0.8	0	--	--
Septicemia	0	--	--	0	--	--	0	--	--	0	--	--	2	1.	2.8
Congenital Anomalies	28	17.	54.1	1	3.	1.2	0	--	--	1	1.	0.8	0	--	--
All Other Causes	58	34.	112.0	3	9.	3.6	16	9.	18.3	17	9.	13.9	14	9.	19.4
All	169	100.	326.2	35	100.	41.6	174	100.	198.7	194	100.	158.7	152	100.	210.9

Table 1.11 continued

AGE-SPECIFIC DEATH RATES BY CAUSE
Alaska, 1983
(Frequency, Percent, Rate per 100,000)

CONTINUED PAGE 2

Cause of Death	45-54			55-64			65-74			75-84			85+		
	F	%	R	F	%	R	F	%	R	F	%	R	F	%	R
Disease of Heart	46	20.	118.2	104	32.	420.0	91	30.	924.4	67	33.	2073.7	35	34.	5555.6
Malignant Neoplasms	57	25.	146.5	111	34.	448.3	95	31.	965.1	44	22	1361.8	11	11.	1746.0
Cerebrovascular Diseases	7	3.	18.0	9	3.	36.3	21	7.	213.3	21	10.	650.0	11	11.	1746.0
Accidents and Adverse Effects	57	25.	146.5	19	6.	76.7	10	3.	101.6	5	2.	154.8	5	5.	793.7
Chronic Obstructive Pulmonary Disease	4	2.	10.3	9	3.	36.3	19	6.	193.0	11	5.	340.5	1	1.	158.7
Pneumonia & Influenza	2	1.	5.1	9	3.	36.3	5	2.	50.8	8	4.	247.6	9	9.	1428.6
Diabetes Mellitis	2	1.	5.1	9	3.	36.3	3	1.	30.5	5	2.	154.8	3	3.	476.2
Suicide	7	3.	18.0	3	1.	12.1	3	1.	30.5	0	--	--	0	--	--
Chronic Liver Disease & Cirrhosis	13	6.	33.4	9	3.	36.3	7	2.	71.1	1	0.	31.0	0	--	--
Atherosclerosis	0	--	--	0	--	--	2	1.	20.3	3	1.	92.9	8	8.	1269.8
Homicide and Legal Intervention	9	4.	23.1	5	2.	20.2	0	--	--	0	--	--	0	--	--
Perinatal Period Conditions	0	--	--	0	--	--	0	--	--	0	--	--	0	--	--
Nephritis, Nephrotic Syndrome	1	0.	2.6	3	1.	12.1	4	1.	40.6	1	0.	31.0	3	3.	476.2
Septicemia	1	0.	2.6	2	1.	8.1	2	1.	20.3	2	1.	61.9	2	2.	317.5
Congenital Anomalies	0	--	--	0	--	--	0	--	--	0	--	--	0	--	--
All Other Causes	26	11.	66.8	33	10.	133.3	40	13.	406.3	35	17.	1083.3	16	15.	2539.7
All	232	100.	596.1	325	100.	1312.5	302	100.	3067.9	203	100.	6282.9	104	100.	16507.9

Table 1.12

SEX SPECIFIC DEATH RATES BY CAUSE
(per 100,000)

Alaska, 1983

Cause of Death	Males			Females		
	Freq.	%	Rate	Freq.	%	Rate
Diseases of the Heart	249	20.5	94.2	122	18.2	52.8
Malignant Neoplasms	204	16.8	77.2	158	23.6	68.4
Cerebrovascular Diseases	33	2.7	12.5	39	5.8	16.9
Accidents and Adverse Effects	317	26.1	119.9	87	13.0	37.7
Chronic Obstructive Pulmonary Diseases	21	1.7	7.9	24	3.6	10.4
Pneumonia & Influenza	25	2.1	9.5	18	2.7	7.8
Diabetes Mellitis	10	0.8	3.8	15	2.2	6.5
Suicide	77	6.3	29.1	11	1.6	4.8
Chronic Liver Disease and Cirrhosis	27	2.2	10.2	13	1.9	5.6
Atherosclerosis	5	0.4	1.9	8	1.2	3.5
Homicide and Legal Intervention	44	3.6	16.6	19	2.8	8.2
Perinatal Period Conditions	23	1.9	8.7	28	4.2	12.1
Nephritis, Nephrotic Syndrome	6	0.5	2.3	7	1.0	3.0
Septicemia	7	0.6	2.6	4	0.6	1.7
Congenital Anomalies	18	1.5	6.8	12	1.8	5.2
All Other Causes	151	12.4	57.1	106	15.8	45.9
All	1217	100.0	460.4	671	100.0	290.6

Table 1.13

RACE - SPECIFIC DEATH RATES BY CAUSE

Alaska and the United States
(rates per 100,000)

	ALASKA (1983)										U.S.	
Cause of Death	White		Native		Black		Other		All Races		Natives (1979)[1]	All Races (1983)[2]
	Freq.	Rate	Freq.	Rate	Freq.	Rate	Freq.	Rate	Freq.	Rate	Rate	Rate
Diseases of the Heart	290	77.0	66	92.0	13	66.0	1	4.0	370	75.0	173.0	328.3
Malignant Neoplasms	269	71.0	80	111.0	10	50.0	3	12.0	362	73.0	79.0	188.3
Cerebrovascular Diseases	55	15.0	14	19.0	1	5.0	2	8.0	72	15.0	39.0	66.8
Accidents and Adverse Effects	289	76.0	105	146.0	7	35.0	3	12.0	404	82.0	141.0	39.0
Chronic Obstructive Pulmonary Diseases	36	10.0	8	11.0	1	5.0	0	--	45	9.0	9.0	28.4
Pneumonia and Influenza	27	7.0	16	22.0	0	--	0	--	43	9.0	23.0	22.9
Diabetes Mellitus	21	6.0	1	1.0	3	15.0	0	--	25	5.0	23.0	15.2
Suicide	58	15.0	28	39.0	2	10.0	0	--	88	18.0	22.0	12.4
Chronic Liver Disease & Cirrosis	34	9.0	5	7.0	1	5.0	0	--	40	8.0	54.0	11.9
Atherosclerosis	6	2.0	7	10.0	0	--	0	--	13	3.0	5.0	11.1
Homicide and Legal Intervention	38	10.0	18	25.0	3	15.0	4	16.0	63	13.0	26.0	8.2
Perinatal Period Conditions	29	8.0	17	24.0	4	20.0	1	4.0	51	10.0	--	8.0
Nephritis, Nephrotic Syndrome	3	1.0	9	12.0	1	5.0	0	--	13	3.0	--	7.9
Septicemia	6	2.0	2	3.0	2	10.0	1	4.0	11	2.0	--	5.7
Congenital Anomalies	20	5.0	8	11.0	2	10.0	0	--	30	6.0	--	5.5
All Other Causes	155	41.0	93	129.0	5	25.0	5	20.0	258	52.0	--	100.0
All Causes	1336	353.0	477	662.0	55	277.0	20	79.0	1888	381.0	770.0	858.9

Table 1.14

RACE/SEX SPECIFIC DEATH RATES BY CAUSE
Alaska, 1983
(Frequency, Percent, Rate per 100,000)

Cause of Death	White						Native					
	Male			Female			Male			Female		
	F	%	R	F	%	R	F	%	R	F	%	R
Diseases of the Heart	201	23.	98.9	89	20.	50.9	41	14.	111.8	26	14.	73.5
Malignant Neoplasms	159	18.	78.2	110	24.	63.0	38	13.	103.6	42	22.	118.7
Cerebrovascular Diseases	25	3.	12.3	30	7.	17.2	6	2.	16.4	8	4.	22.6
Accidents and Adverse Effects	232	26.	114.1	57	13.	32.6	76	26.	207.3	29	15.	82.0
Chronic Obstructive Pulmonary Diseases	16	2.	7.9	20	4.	11.4	5	2.	13.6	3	2.	8.5
Pneumonia & Influenza	16	2.	7.9	11	2.	6.3	9	3.	24.5	7	4.	19.8
Diabetes Mellitis	9	1.	4.4	12	3.	6.9	0	--	--	1	1.	2.8
Suicide	49	6.	24.1	9	2.	5.2	26	9.	70.9	2	1.	5.7
Chronic Liver Disease and Cirrhosis	23	3.	11.3	11	2.	6.3	3	1.	8.2	2	1.	5.7
Atherosclerosis	1	0.	0.5	5	1.	2.9	4	1.	10.9	3	2.	8.5
Homicide and Legal Intervention	27	3.	13.3	11	2.	6.3	12	4.	32.7	6	3.	17.0
Perinatal Period Conditions	11	1.	5.4	18	4.	10.3	9	3.	24.5	8	4.	22.6
Nephritis, Nephrotic Syndrome	2	0.	1.0	1	0.	0.6	4	1.	10.9	5	3.	14.1
Septicemia	5	1.	2.5	1	0.	0.6	1	0.	2.7	1	1.	2.8
Congenital Anomalies	13	1.	6.4	7	2.	4.0	5	2.	13.6	3	2.	8.5
All Other Causes	92	10.	45.3	62	14.	35.5	51	18.	139.1	42	22.	118.7
All	881	100.	433.3	454	100.	259.9	290	100.	790.9	188	100.	531.3

Table 1.14 continued

RACE/SEX SPECIFIC DEATH RATES BY CAUSE
Alaska, 1983
(Frequency, Percent, Rate per 100,000)

Cause of Death	Black						Other Races					
	Male			Female			Male			Female		
	F	%	R	F	%	R	F	%	R	F	%	R
Diseases of the Heart	6	20.	53.7	7	28.	80.8	1	6.	7.6	0	--	--
Malignant Neoplasms	5	17.	44.8	5	20.	57.7	2	13.	15.1	1	25.	8.2
Cerebrovascular Diseases	0	--	--	1	4.	11.5	2	13.	15.1	0	--	--
Accidents and Adverse Effects	7	23.	62.7	0	--	--	2	13.	15.1	1	25.	8.2
Chronic Obstructive Pulmonary Diseases	0	--	--	1	4.	11.5	0	--	--	0	--	--
Pneumonia & Influenza	0	--	--	0	--	--	0	--	--	0	--	--
Diabetes Mellitis	1	3.	9.0	2	8.	23.1	0	--	--	0	--	--
Suicide	2	7.	17.9	0	--	--	0	--	--	0	--	--
Chronic Liver Disease and Cirrhosis	1	3.	9.0	0	--	--	0	--	--	0	--	--
Atherosclerosis	0	--	--	0	--	--	0	--	--	0	--	--
Homicide and Legal Intervention	2	7.	17.9	1	4.	11.5	3	19.	22.7	1	25.	8.2
Perinatal Period Conditions	3	10.	26.9	1	4.	11.5	0	--	--	1	25.	8.2
Nephritis, Nephrotic Syndrome	0	--	--	1	4.	11.5	0	--	--	0	--	--
Septicemia	0	--	--	2	8.	23.1	1	6.	7.6	0	--	--
Congenital Anomalies	0	--	--	2	8.	23.1	0	--	--	0	--	--
All Other Causes	3	10.	26.9	2	8.	23.1	5	31.	37.9	0	--	--
All	30	100.	268.5	25	100.	288.7	16	100.	121.2	4	100.	32.8

Table 1.15

ACCIDENTAL DEATH RATES BY AGE
Alaska, 1983

(Frequency, Percent, Rate per 100,000)

Age

Type of Accident	0-4			5-14			15-24			25-34			35-44		
	F	%	R	F	%	R	F	%	R	F	%	R	F	%	R
Motor Vehicle	3	17.	5.8	12	52.	14.3	45	41.	51.4	39	36.	31.9	14	25.	19.4
Water Transport Drown	0	--	--	1	4.	1.2	8	7.	9.1	7	6.	5.7	3	5.	4.2
Water Transport Other	0	--	--	0	--	--	1	1.	1.1	0	--	--	1	2.	1.4
Non-transport Drown	1	6.	1.9	3	13.	3.6	11	10.	12.6	10	9.	8.2	6	11.	8.3
Aircraft	0	--	--	2	9.	2.4	4	4.	4.6	14	13	11.5	10	18.	13.9
Poisoning	1	6.	1.9	1	4.	1.2	7	6.	8.0	7	6.	5.7	5	9.	6.9
Falls	1	6.	1.9	0	--	--	0	--	--	3	3.	2.5	1	2.	1.4
Fire	3	17.	5.8	0	--	--	7	6.	8.0	2	2.	1.6	1	2.	1.4
Environmental Cold	1	6.	1.9	0	--	--	1	1.	1.1	4	4.	3.3	1	2.	1.4
Environmental Other	1	6.	1.9	0	--	--	0	--	--	3	3.	2.5	1	2.	1.4
Suffocation	3	17.	5.8	0	--	--	4	4.	4.6	3	3.	2.5	1	2.	1.4
Firearms	0	--	--	1	4.	1.2	10	9.	11.4	3	3.	2.5	4	7.	5.5
Other Accidents	4	22.	7.7	3	13.	3.6	11	10.	12.6	13	12.	10.6	7	13.	9.7
All	18	100.	34.7	23	100.	27.3	109	100.	124.4	108	100.	88.4	55	100.	76.3

Table 1.15 continued

ACCIDENTAL DEATH RATES BY AGE
(Per 100,000)

(Frequency, Percent, Rate)

CONTINUED PAGE 2

Age

Type of Motor Accident	45-54			55-64			65-74			75-84			85+		
	F	%	R	F	%	R	F	%	R	F	%	R	F	%	R
Motor Vehicle	9	16.	23.1	6	38.	32.3	2	20.	20.3	3	50.	92.9	0	--	--
Water Transport Drown	4	7.	10.3	1	5.	4.0	1	10.	10.2	0	--	--	0	--	--
Water Transport Other	0	--	--	0	--	--	0	--	--	1	17.	31.0	0	--	--
Non-transport Drown	13	22.	33.4	2	10.	8.1	0	--	--	0	--	--	0	--	--
Aircraft	7	12.	18.0	2	10.	8.1	0	--	--	0	--	--	0	--	--
Poisoning	4	7.	10.3	2	10.	8.1	1	10.	10.2	0	--	--	0	--	--
Falls	3	5.	7.7	0	--	--	4	40.	40.6	0	--	--	4	80.	634.9
Fire	3	5.	7.7	1	5.	4.0	0	--	--	0	--	--	0	--	--
Environmental Cold	2	3.	5.1	1	5.	4.0	0	--	--	0	--	--	0	--	--
Environmental Other	0	--	--	0	--	--	0	--	--	0	--	--	0	--	--
Suffocation	1	2.	2.6	1	5.	4.0	2	20.	20.3	1	17.	31.0	0	--	--
Firearms	4	7.	10.3	0	--	--	0	--	--	0	--	--	1	20.	158.7
Other Accidents	8	14.	20.6	3	14.	12.1	0	--	--	1	17.	31.0	0	--	--
All	58	100.	149.0	21	100.	84.8	10	100.	101.6	6	100.	185.7	5	100.	793.7

fatalities, nearly 8 out of 10 (81 percent) are in the age group 15-44.

Of the 413 accidental deaths in Alaska, 71 (17.2 per cent) were by drowning (Table 1.16). Of all drowning fatalities in the state in 1983, 90 percent were males.

Death rates in 1983 from homicide and legal intervention are higher than in the U.S. in every age level except 25-34 year olds and those 65 years of age and older (Table 1.17). In Alaska, males have a homicide rate that is twice the female rate (Table 1.12). The Natives' death rate from this cause is the highest among the state's racial groups (Table 1.13). Native males have a rate over twice the rate for White males, while the Native female rate is nearly 3 times larger than that for White females (Table 1.14). The homicide death rates for Blacks and "other" races are each almost double the U.S. 1983 rate for all races (Table 1.13).

Homicide is the third leading cause of death for Alaskans aged 15-34, and tied for third along with heart disease and suicide for those between the ages of 35-44 (Table 1.11).

Suicide deaths based on vital statistics records usually understate the true number of suicides for several reasons: 1) There may not be enough evidence to make the determination of suicide as a cause of death unless a verbal or written statement of intent has been made; 2) The person certifying the death may hesitate to record suicide because of social pressure from the decedent's family or friends; and 3) No death certificate is filed because the body is not found, as in a drowning. Estimates of the under-reporting of suicides on a national level run as high as 40 percent.

Is suicide by a young person less likely to be recorded as a suicide than a suicide by an older person? Are males more likely to be recorded than females, or Natives than Whites? The nature of the biases

Table 1.16

ACCIDENTAL DEATH RATES BY SEX

Alaska, 1983

(Frequency, Percent, Rate per 100,000)

Type of Accident	Males			Females			Total		
	F	%	R	F	%	R	F	%	R
Motor Vehicle	94	29.	35.6	41	45.	17.8	135	33.	27.3
Water Transport Drown	20	6.	7.6	5	5.	2.2	25	6.	5.0
Water Transport Other	3	1.	1.1	0	--	--	3	1.	0.6
Non-transport Drown	44	13.	16.6	2	2.	0.9	46	11.	9.3
Aircraft	34	11.	12.9	5	5.	2.2	39	9.	7.9
Poisoning	21	7.	7.9	7	8.	3.0	28	7.	5.7
Falls	10	3.	3.8	6	7.	2.6	16	4.	3.2
Fire	11	3.	4.2	6	7.	2.6	17	4.	3.4
Environmental Cold	9	3.	3.4	1	1.	0.4	10	2.	2.0
Environmental Other	5	2.	1.9	0	--	--	5	1.	1.0
Suffocation	12	4.	4.5	4	4.	1.7	16	4.	3.2
Firearms	18	6.	6.8	5	5.	2.2	23	6.	4.6
Other Accidents	40	12.	15.1	10	11.	4.3	50	12.	10.1
All	321	100.	121.4	92	100.	39.8	413	100.	83.4

involved in the under-reporting of suicides is not known. In terms of suicide as a health problem the accuracy of the overall figures in a sense is irrelevant. The suicide figures reported now, under-reported as they are, indicate a major health problem. More accurate reporting can only indicate an increase in the magnitude of the problem.

As discussed on page 14, recent improvements in the quality control of data on violent deaths have increased the suicide count in the tables in this report. Improved figures for years prior to 1983 are not yet available. However, the count for those years is expected to increase as a result of a study of violent deaths now underway. A special report on suicides and homicides will be distributed when the study is completed in late 1985.

In terms of completed suicides, suicide is a male health problem. Females are more likely to attempt suicide than males but less likely to complete the act. Nationally, women outnumber men in attempted suicide by a ratio of three to one. These attempted suicides also have an impact on family and community and should be considered when planning for suicide prevention programs. One factor which contributes to higher completed suicide rates for males is that they are more likely to use firearms. Seventy-seven percent of 1983 suicides in Alaska involved firearms. In the U.S. in 1980 57.3 percent of suicides involved firearms or explosives. The 1980 U.S. rate for White males (19.9 per 100,000) was three times the rate for White females (5.9). Comparable (age adjusted) rates for Alaska indicate the rate for White males (28) is six times the rate for White females (4.6). For Natives the male rate (70.8) is fifteen times the Native female rate (4.6).

Nationwide, the highest suicide rate for males occurred in the older age groups. As can be seen in Table 1.17 the national rates tend to increase with every ten year age group starting with age 15, following the same pattern exhibited by mortality rates as a whole. If Alaska suicides exhibited the same pattern as suicides on the national level, the youthfulness of Alaska's population should result in an artifically low crude suicide rate, as it does for the Alaska's overall crude death rate. However, the crude suicide rate shown in Table 1.13 is higher than the national rate. In order to discover what factors are elevating Alaska's suicide rate the data must be analyzed by age, race and sex. For statistical purposes, the number of suicides in any one year is small. To compensate for the small annual numbers it is preferable to present data in three or five year moving averages. However, accurate suicide figures are available for 1983 only at this time. Readers should keep in mind the previous cautions in regard to rates derived from small numbers.

Suicide is relatively rare among Blacks and Asians. Therefore meaningful rates cannot be computed for these groups for Alaska. However, for Whites and Natives, suicide is a grave public health problem. As can be seen in Tables 1.18 and 1.19, the nature of the problem is quite different for the two groups. If the assumption is made that the extent of under-reporting of suicides is the same for Whites as for Natives, the most urgent health problem is for Native males under age 30. Rates for the 15-19 age group are almost four times, the 20-24 group five times, and the 25-29 group nine times greater for Alaskan Native males than for their like-age and -sex White peers. Seventy-six percent of Native male suicides are under thirty years old. Thirty-seven percent of

White male suicides are under thirty. Comparison figures for 1983 for the U.S. are not available but one-third of the males who committed suicide in 1980 were under thirty.

As shown in Figure 1.12 age-specific suicide rates for Alaskan White males are somewhat higher but very similar to the U.S. rates. Suicide rates peak between 20 and 24 years of age for both Natives and Whites in Alaska. However, the magnitude of the problem is much greater among Natives as are the years of productive life lost.

Rates for Native males are similar to those of American Indians in other states. New Mexico, whose population is approximately 8 percent American Indian provides the best comparison available for

TABLE 1.17

AGE-SPECIFIC RATES FOR HOMICIDE AND SUICIDE ALASKA AND U.S., 1983

	Homicide			Suicide		
Age Group	Freq	Alaska Rates	U.S. Rates	Freq	Alaska Rates	U.S. Rates
0 - 4	3	5.8	-	-0-	-	-
5 - 14	1	1.2	-	2	2.4	-
15 - 24	13	14.8	11.3	29	33.1	11.7
25 - 34	15	12.3	15.3	27	22.1	16.2
35 - 44	17	23.6	11.7	17	23.6	15.1
45 - 54	9	23.1	8.0	7	18.0	16.9
55 - 64	5	20.2	5.6	3	12.1	17.2
65 - 74	-0-	-	4.4	3	30.5	17.3
75 - 84	-0-	-	4.3	-0-	-	25.0
85+	-0-	-	5.6	-0-	-	22.0

TABLE 1.18

NATIVE SUICIDE RATES BY AGE AND SEX

ALASKA 1983

	Native Males		Native Females	
Age Group	Freq	Rates	Freq	Rates
10 - 14	1	27.0	-0-	-0-
15 - 19	4	90.6	-0-	-0-
20 - 24	8	210.7	2	51.8
25 - 29	6	177.1	-0-	-0-
30 - 34	2	66.0	-0-	-0-
35 - 39	2	95.6	-0-	-0-
40 - 64	3	48.2	-0-	-0-
Other	-0-	-0-	-0-	-0-

TABLE 1.19

WHITE SUICIDE RATES BY AGE AND SEX

ALASKA AND U.S., 1983

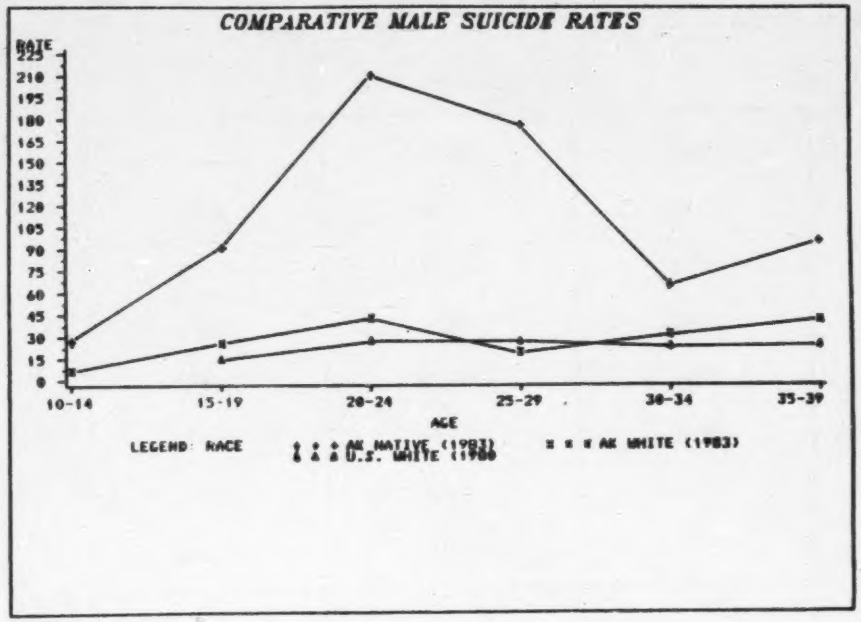
	White Males			White Females		
Age Group	Freq	Alaska Rates	U.S. Rates	Freq	Alaska Rates	U.S. Rates
Under 10	-0-	-0-	N/A	-0-	-0-	N/A
10 - 14	1	6.2	N/A	-0-	-0-	N/A
15 - 19	4	25.6	15.0	1	7.5	3.3
20 - 24	8	43.3	27.8	1	6.9	5.9
25 - 29	5	19.3	27.5	4	17.3	6.9
30 - 34	8	31.5	23.5	1	4.6	8.1
35 - 39	8	41.3	24.0	-0-	-0-	8.8
40 - 64	12	28.5	N/A	2	5.9	N/A
65+	3	66.3	N/A	-0-	-0-	N/A

Alaska's Native population. The average suicide rate for 15 to 24 year olds in New Mexico for 1979-1981 was 99.2 for Indian males and 20.3 for non-Hispanic Whites, lower than the Alaskan 1983 rates, but not significantly different.

Suicide tables in the Statistical Abstracts of the U.S., 1984 for sex and age groups from other countries indicate that suicide rates are higher for males than females in the 16 countries listed. This may not be true for all national or racial groups as Japan is the only country listed which does not have a majority White population. Rates for 15-24 year old males range from 5.3 in the Netherlands to 34.8 in Switzerland.

In the United States the increased rate of young male suicides has motivated the U.S. Department of Health and Human Services (DHSS) to establish a specific health objective for reduction of the suicide rate among 15-24 year-olds. The Federal objective states that "by 1990 the rate of suicide among people 15 to 24 years of age should be below 11 per 100,000." This Federal objective presents a real challenge to Alaskans.

Table 1.12



MARRIAGES, DIVORCES AND ANNULMENTS

In 1983, 6,578 marriages were performed in Alaska, an increase of 154, or 2.4%, from the previous high of 6,422 marriages recorded in 1982 (Table 1.20 and Figure 1.13). Alaska's rate of 12.9 marriages per 1,000 population for 1983 was higher than the United States rate of 10.5 per 1,000 population (Table 4.2A).

There were 749 interracial marriages in 1983, including 515 between Whites and Natives, 79 between Whites and Blacks, and 13 between Natives and Blacks (Table 1.21).

Figure 1.13

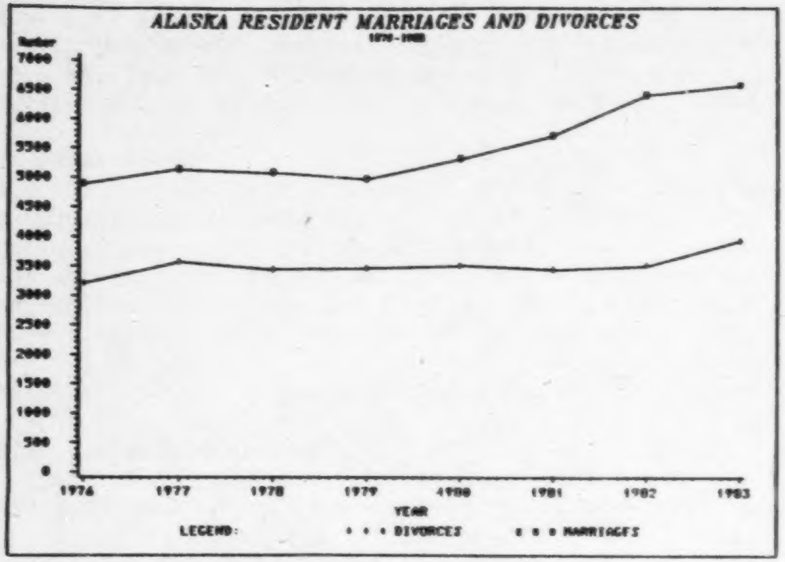


Table 1.20

MARRIAGES AND DIVORCES IN ALASKA

1976-1983

Year	Marriages	Divorces
1976	4893	3210
1977	5143	3581
1978	5111	3468
1979	4990	3483
1980	5361	3517
1981	5731	3452
1982	6422	3515
1983	6578	3937

In 1983, 3,537 divorces and annulments were granted in Alaska, compared with 3,515 in 1982 (Table 5.2A). The 1983 divorce rate in Alaska was 7.7; the comparable U.S. rate was 5.0.

Table 1.21

MARRIAGES BY RACE OF BRIDE AND GROOM

ALASKA, 1983

Race of Groom	Race of Bride					
	White	Native	Black	Other	Unknown	ALL
White	5025	368	25	87	64	5569
Native	147	342	1	4	6	500
Black	54	12	151	11	4	232
Other	35	4	1	63	-	103
Unknown	76	8	-	3	86	173
ALL	5337	734	178	168	160	6577

TABLE 2.1A

1979-1983: BIRTHS, ESTIMATED POPULATION, AND BIRTH RATES BY CENSUS AREA AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	FREQ	POP	RATE	FREQ	POP	RATE	FREQ	POP	RATE	FREQ	POP	RATE	FREQ	POP	RATE
CENSUS AREA															
01 NORTH SLOPE	108	4500	24	104	4600	23	139	4700	30	150	4800	31	168	5168	33
02 KOBUK	142	4800	30	145	4900	30	142	5000	28	169	5100	33	200	5759	35
03 NOME	149	6700	22	202	6900	29	180	7300	25	206	7500	27	229	7661	30
04 YUKON	181	7600	24	186	7700	24	190	7800	24	238	7900	30	211	8635	24
05 FAIRBANKS	1292	57700	22	1410	57800	24	1470	58300	25	1674	59200	28	1678	64810	26
06 SE FBKS	136	5800	23	142	5900	24	166	6000	28	155	6100	25	147	6516	23
07 WADE HAMP	117	4600	25	120	4700	26	151	4800	31	152	4800	32	192	5294	36
08 BETHEL	304	10700	28	302	11000	27	330	11100	30	376	11300	33	401	12232	33
09 DILLINGHAM	108	4600	23	121	4700	26	110	4700	23	158	4700	34	158	5623	28
10 BRISTOL BAY	13	1100	12	16	1200	13	21	1200	17	26	1300	20	22	1275	17
11 ALEUTIANS	115	8000	14	157	8100	19	163	8300	20	180	8500	21	184	8496	22
12 MAT-SU	411	18400	22	382	20200	19	439	23300	19	590	25200	23	719	29849	24
13 ANCHORAGE	3823	180200	21	3936	179000	22	4223	184700	23	4679	200500	23	5039	227070	22
14 KENAI	608	25800	24	598	27600	22	663	29500	22	795	32500	24	617	34890	23
15 KODIAK	320	10600	30	275	11000	25	289	11700	25	273	12700	21	324	12896	25
16 VALDEZ-CORD	170	8900	19	180	9100	20	193	9300	21	196	9500	21	205	9722	21
17 SKAGWAY	93	3300	28	83	3400	24	71	3500	20	79	3600	22	79	3711	21
18 HAINES	32	1700	19	37	1700	22	37	1800	21	37	1900	19	47	1915	25
19 JUNEAU	386	18900	20	426	19800	22	448	21100	21	473	22000	21	549	25964	21
20 SITKA	177	7700	23	220	7800	28	183	8000	23	184	8200	22	170	8194	21
21 WRANGELL-P	128	6100	21	118	6300	19	127	6500	20	164	6700	24	152	6869	22
22 PR OF WALES	76	4200	18	84	4300	20	82	4400	19	123	4400	28	124	5293	23

(CONTINUED)

TABLE 2.1A

1979-1983: BIRTHS, ESTIMATED POPULATION, AND BIRTH RATES BY CENSUS AREA AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	FREQ	POP	RATE	FREQ	POP	RATE	FREQ	POP	RATE	FREQ	POP	RATE	FREQ	POP	RATE
CENSUS AREA															
23 KETCHIKAN	240	11800	20	246	12000	20	264	12200	22	269	12400	22	263	12712	21
ALASKA	9129	413700	22	9490	419700	23	10081	435200	23	11346	460800	25	12078	510554	24
U.S.			15.6			15.9			15.8			16.0			15.5

TABLE 2.2A

1983: BIRTHS BY CENSUS AREA OF RESIDENCE BY MONTH

CENSUS AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
01 NORTH SLOPE	16	9	14	16	8	19	19	13	11	19	16	8	168
02 KOBUK	18	15	21	14	15	14	13	14	21	21	15	19	200
03 NOME	25	17	25	18	17	18	16	20	21	19	14	19	229
04 YUKON-KOYUKUK	10	15	18	16	21	28	16	17	15	21	16	18	211
05 FAIRBANKS	121	111	165	123	175	146	134	142	163	137	134	127	1678
06 SE FAIRBANKS	9	14	9	9	15	15	14	11	15	9	11	16	147
07 WADE HAMPTON	15	18	24	20	16	22	13	10	16	13	14	11	192
08 BETHEL	27	22	28	23	31	40	48	37	38	35	35	37	401
09 DILLINGHAM	14	13	15	17	9	14	17	12	9	16	15	7	158
10 BRISTOL BAY	4	1	2	4	1	1	1	3	.	1	2	2	22
11 ALEUTIAN ISLANDS	23	10	9	19	16	26	11	11	16	12	16	15	184
12 MATANUSKA-SUSITNA	49	56	53	53	60	65	66	71	64	57	64	61	719
13 ANCHORAGE	372	403	446	417	474	450	444	413	435	395	411	380	5040
14 KENAI PENINSULA	58	62	77	68	61	71	58	80	79	71	64	68	817
15 KODIAK ISLAND	37	18	26	22	34	34	25	20	34	22	26	26	324
16 VALDEZ-CORDOVA	14	12	15	16	29	12	20	21	15	16	18	17	205
17 SKAGWAY	4	5	6	6	8	9	10	10	3	6	6	6	79
18 HAINES	4	9	2	4	7	2	5	5	2	3	2	2	47
19 JUNEAU	36	43	42	46	43	57	49	41	49	43	52	48	549
20 SITKA	17	12	14	17	16	12	11	4	24	13	14	16	170
21 WRANGELL-PETE	9	9	12	10	10	16	11	12	22	11	18	12	152
22 PRINCE OF WALES	8	9	12	8	9	12	10	15	15	4	16	6	124
23 KETCHIKAN	19	15	15	27	11	29	25	32	22	22	23	23	263
TOTAL	909	898	1050	973	1086	1112	1036	1014	1089	966	1002	944	12079

TABLE 2.3

1980-1983: BIRTHS BY RACE AND AGE OF MOTHER

	YEAR																
	1980				1981				1982				1983				
	RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				
	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	TOTAL
AGE OF MOTHER																	
UNDER 15	4	1	1	.	1	10	.	.	2	5	.	.	4	5	1	.	34
15-19	647	403	45	8	755	353	50	11	723	389	48	13	664	411	37	12	4569
20-24	2462	744	149	46	2428	744	159	71	2764	800	163	54	2869	909	169	71	14602
25-29	2367	460	120	95	2601	483	97	102	2829	580	126	127	3051	651	130	133	13952
30-34	1117	237	41	62	1295	271	35	70	1581	294	47	72	1709	309	51	78	7269
35-39	263	71	4	21	315	66	4	16	418	101	12	25	457	98	9	27	1907
40-44	35	16	.	3	39	19	1	4	41	24	.	4	49	20	2	5	262
45 AND OVER	.	.	.	.	3	.	.	.	1	8	.	.	2	3	.	.	17
TOTAL	6895	1932	360	235	7437	1946	346	274	8359	2201	396	295	8805	2406	399	326	42612

TABLE 2.4A

1983: BIRTHS BY RACE AND RESIDENCE OF MOTHER AND SEX OF CHILD

	RACE OF MOTHER										
	WHITE		NATIVE		BLACK		OTHER		UNKNOWN		
	SEX OF CHILD		SEX OF CHILD		SEX OF CHILD		SEX OF CHILD		SEX OF CHILD		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	TOTAL
CENSUS AREA											
01 NORTH SLOPE	7	9	77	71	.	1	2	.	.	1	168
02 KOBUK	11	13	82	92	.	.	.	.	2	.	200
03 NOME	10	28	95	93	.	1	1	.	.	1	229
04 YUKON-KOYUKUK	32	36	72	70	.	.	.	.	.	1	211
05 FAIRBANKS	761	678	57	57	38	39	15	24	9	.	1678
06 SE FAIRBANKS	58	55	8	14	2	5	1	1	2	1	147
07 WADE HAMPTON	9	5	90	86	.	.	.	2	.	.	192
08 BETHEL	27	26	173	174	.	.	1	.	.	.	401
09 DILLINGHAM	9	6	67	73	1	.	.	.	2	.	158
10 BRISTOL BAY	7	1	8	5	.	.	.	.	1	.	22
11 ALEUTIAN ISLANDS	45	67	27	29	3	3	6	4	.	.	184
12 MATANUSKA-SUSITNA	345	323	20	15	.	1	3	4	5	3	719
13 ANCHORAGE	2069	2009	207	202	133	163	102	85	34	35	5039
14 KENAI PENINSULA	378	355	38	28	.	1	4	4	5	4	817
15 KODIAK ISLAND	100	122	39	23	2	1	17	11	1	8	324
16 VALDEZ-CORDOVA	81	96	10	11	.	1	3	2	1	.	205
17 SKAGWAY	23	17	17	19	.	.	1	.	2	.	79
18 HAINES	18	20	2	5	.	.	2	.	.	.	47
19 JUNEAU	227	211	41	35	1	2	7	5	15	5	549

(CONTINUED)

TABLE 2.4A

1983: BIRTHS BY RACE AND RESIDENCE OF MOTHER AND SEX OF CHILD

	RACE OF MOTHER										
	WHITE		NATIVE		BLACK		OTHER		UNKNOWN		
	SEX OF CHILD		SEX OF CHILD		SEX OF CHILD		SEX OF CHILD		SEX OF CHILD		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	TOTAL
CENSUS AREA											
20 SITKA	60	66	21	17	.	.	2	4	.	.	170
21 WRANGELL-PETER	63	49	19	17	.	.	2	2	.	.	152
22 PRINCE OF WALES	30	27	33	31	.	.	2	1	.	.	124
23 KETCHIKAN	102	117	17	20	.	1	3	3	.	.	263
TOTAL	4472	4336	1220	1187	180	219	174	152	79	59	12078

TABLE 2.5A

1983: BIRTHS BY AGE, MARITAL STATUS AND RESIDENCE OF MOTHER

	AGE GROUP																
	UNDER 15 YEARS		15 TO 19 YEARS		20 TO 24 YEARS		25 TO 29 YEARS		30 TO 34 YEARS		35 TO 39 YEARS		40 TO 44 YEARS		45 YEARS AND OVER		
	MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		
	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	TOTAL
CENSUS AREA																	
01 NORTH SLOPE	.	.	4	32	37	34	23	13	11	4	6	1	.	1	.	.	166
02 KOBUK	.	.	5	26	30	41	40	13	23	5	11	3	1	.	1	.	199
03 NOME	.	.	5	25	35	43	50	15	30	11	5	5	3	.	.	1	228
04 YUKON	.	.	4	19	31	37	45	28	27	11	5	4	.	.	.	.	211
05 FAIRBANKS	.	.	73	61	521	62	520	44	285	21	75	6	7	2	1	.	1678
06 SE FBKS	.	.	12	6	45	6	41	3	21	4	7	1	.	.	.	.	146
07 WADE HAMP	.	.	5	24	25	38	36	13	24	1	20	.	6	.	.	.	192
08 BETHEL	.	.	14	24	82	65	94	31	52	11	21	3	4	.	.	.	401
09 DILLINGHAM	.	1	7	9	30	26	34	12	24	4	6	1	2	.	.	.	156
10 BRISTOL BAY	.	.	3	.	10	3	3	.	2	1	.	.	.	.	.	.	22
11 ALEUTIANS	.	.	6	3	72	8	53	2	31	2	6	.	1	.	.	.	184
12 MAT-SU	.	.	37	17	198	26	244	13	133	3	37	1	7	.	.	.	716
13 ANCHORAGE	.	1	240	197	1489	246	1562	154	826	59	215	23	19	5	1	.	5037
14 KENAI	.	1	50	34	228	31	245	27	143	8	34	3	9	1	.	.	814
15 KODIAK	.	.	16	10	83	20	103	5	67	5	12	2	1	.	.	.	324
16 VALDEZ-CORD	.	1	6	6	49	13	75	3	36	2	14	.	.	.	.	.	205
17 SKAGWAY	.	1	2	13	15	7	20	2	10	2	5	1	.	.	.	.	78
18 HAINES	.	.	2	3	9	2	17	2	7	.	4	.	.	.	.	.	46

(CONTINUED)

TABLE 2.5A

1983: BIRTHS BY AGE, MARITAL STATUS AND RESIDENCE OF MOTHER

	AGE GROUP																
	UNDER 15 YEARS		15 TO 19 YEARS		20 TO 24 YEARS		25 TO 29 YEARS		30 TO 34 YEARS		35 TO 39 YEARS		40 TO 44 YEARS		45 YEARS AND OVER		
	MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		
	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	TOTAL
CENSUS AREA																	
19 JUNEAU	.	1	14	25	120	27	174	23	125	8	23	5	2	.	.	.	547
20 SITKA	.	1	19	10	38	7	57	3	23	1	7	2	1	1	.	.	170
21 WRANGELL-P	.	1	3	12	33	11	50	4	28	1	6	.	3	.	.	.	152
22 PR OF WALES	.	2	6	10	32	13	30	1	24	2	3	1	.	.	.	.	124
23 KETCHIKAN	.	.	16	17	70	16	78	6	43	3	12	1	.	.	.	1	263
TOTAL	.	10	549	583	3282	782	3594	417	1995	169	534	63	66	10	3	2	12059

TABLE 2.6A

1983: BIRTHS BY RACE, EDUCATION AND RESIDENCE OF MOTHER

	RACE OF MOTHER																
	WHITE				NATIVE				BLACK				OTHER				
	YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				
	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	TOTAL
CENSUS AREA																	
01 NORTH SLOPE	.	6	7	3	9	122	10	.	.	.	1	.	.	1	.	.	159
02 KOBUK	.	5	11	8	5	145	19	.	.	.	.	.	.	.	.	.	193
03 NOME	.	16	13	7	11	145	25	.	.	.	.	1	.	1	.	.	219
04 YUKON	.	39	18	9	5	100	30	2	.	.	.	.	.	.	.	.	203
05 FAIRBANKS	11	724	553	110	5	69	35	4	.	44	28	4	2	12	18	3	1622
06 SE FBKS	.	65	35	9	.	20	2	.	.	4	3	.	.	2	.	.	140
07 WADE HAMP	.	2	6	5	12	141	15	1	.	.	.	.	.	1	1	.	184
08 BETHEL	.	12	24	13	32	273	35	1	.	.	.	.	.	.	1	.	391
09 DILLINGHAM	.	2	4	5	11	100	23	.	.	.	.	1	.	.	.	.	146
10 BRISTOL BAY	1	1	5	.	.	11	2	.	.	.	.	.	.	.	.	.	20
11 ALEUTIANS	.	64	34	4	2	45	7	.	.	4	2	.	.	4	5	1	172
12 MAT-SU	4	393	225	30	.	28	7	.	.	.	1	.	1	3	3	.	695
13 ANCHORAGE	21	2088	1549	255	10	293	102	2	2	169	95	7	3	85	75	13	4769
14 KENAI	25	387	250	30	5	47	11	.	.	.	1	.	.	1	5	1	763
15 KODIAK	1	99	92	12	3	38	10	.	.	2	.	.	3	9	11	.	280
16 VALDEZ-CORD	3	85	75	12	.	16	5	.	.	.	1	.	.	.	3	.	200
17 SKAGWAY	1	16	16	1	.	24	6	1	.	.	.	.	.	1	.	.	66
18 HAINES	.	14	17	3	.	6	.	.	.	.	.	.	1	1	.	.	42
19 JUNEAU	4	156	185	36	3	42	6	.	.	.	2	.	.	5	2	2	443
20 SITKA	.	65	45	9	1	29	7	.	.	.	.	.	.	3	3	.	162

(CONTINUED)

TABLE 2.6A

1983: BIRTHS BY RACE, EDUCATION AND RESIDENCE OF MOTHER

	RACE OF MOTHER																
	WHITE				NATIVE				BLACK				OTHER				
	YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				
	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	TOTAL
CENSUS AREA																	
21 WRANGELL-P	.	54	41	6	1	26	4	.	.	.	.	.	.	3	.	.	135
22 PR OF WALES	.	23	29	3	1	52	10	.	.	.	.	.	.	3	.	.	121
23 KETCHIKAN	2	120	74	15	.	32	4	.	.	.	1	.	.	3	3	.	254
TOTAL	73	4436	3308	585	116	1804	375	11	2	223	135	13	10	138	130	20	11379

TABLE 2.7A

1980-1983: BIRTHS BY CENSUS AREA OF RESIDENCE AND RACE OF MOTHER

	YEAR																
	1980				1981				1982				1983				
	RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				
CENSUS AREA	WHITE	NAT	BLACK	OTHER	WHITE	NAT	BLACK	OTHER	WHITE	NAT	BLACK	OTHER	WHITE	NAT	BLACK	OTHER	TOTAL
01 NORTH SLOPE	12	92	.	.	22	114	3	.	17	129	.	4	16	148	1	3	561
02 KOBUK	12	129	.	4	14	123	.	5	14	154	.	1	24	174	.	2	656
03 NOME	33	163	.	6	38	137	1	4	37	168	.	1	38	188	1	2	817
04 YUKON	63	121	.	2	66	123	.	1	82	151	.	5	68	142	.	1	825
05 FAIRBANKS	1171	130	85	24	1232	120	83	35	1419	126	95	34	1439	114	77	48	6232
06 SE FBKS	112	18	7	5	120	28	12	6	121	20	11	3	113	22	7	5	610
07 WADE HAMP	3	117	.	.	12	137	.	2	13	139	.	.	14	176	.	2	615
08 BETHEL	45	256	1	.	50	277	1	2	58	315	.	3	53	347	.	1	1409
09 DILLINGHAM	23	98	.	.	29	81	.	.	36	122	.	.	15	140	1	2	547
10 BRISTOL BAY	4	12	.	.	11	10	.	.	12	14	.	.	8	13	.	1	85
11 ALEUTIANS	88	54	1	14	112	39	3	9	113	51	2	14	112	56	6	10	684
12 MAT-SU	362	14	2	4	412	17	.	10	556	19	4	11	668	35	1	15	2130
13 ANCHORAGE	3191	361	255	129	3497	341	235	150	3855	351	279	194	4078	409	296	256	17877
14 KENAI	536	43	.	19	589	50	2	22	700	68	1	25	733	66	1	17	2872
15 KODIAK	197	45	3	30	198	55	.	36	193	44	1	35	222	62	3	37	1161
16 VALDEZ-CORD	153	22	1	4	160	27	1	5	158	35	.	3	177	21	1	6	774
17 SKAGWAY	42	39	.	2	35	35	.	1	40	38	.	1	40	36	.	3	312
18 HAINES	29	7	.	1	31	5	.	1	31	6	.	.	38	7	.	2	158
19 JUNEAU	324	65	2	35	343	67	4	34	384	59	2	28	438	76	3	32	1896

(CONTINUED)

TABLE 2.7A

1980-1983: BIRTHS BY CENSUS AREA OF RESIDENCE AND RACE OF MOTHER

	YEAR																
	1980				1981				1982				1983				
	RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				
	WHITE	NAT	BLACK	OTHER	WHITE	NAT	BLACK	OTHER	WHITE	NAT	BLACK	OTHER	WHITE	NAT	BLACK	OTHER	TOTAL
CENSUS AREA																	
20 SITKA	164	43	2	11	127	43	1	12	129	47	.	8	126	38	.	6	757
21 WRANGELL-P	91	24	.	3	96	29	.	2	119	43	.	2	112	36	.	4	561
22 PR OF WALES	43	40	.	1	33	48	.	1	57	60	.	4	57	64	.	3	411
23 KETCHIKAN	199	40	1	6	215	41	.	8	217	45	1	6	219	37	1	6	1042
TOTAL	6897	1933	360	300	7442	1947	346	346	8361	2204	396	382	8808	2407	399	464	42992

TABLE 2.8A

1983: BIRTHS BY RACE OF MOTHER, AND CENSUS AREA AND PLACE OF OCCURRENCE

	RACE OF MOTHER																
	BLACK				NATIVE				OTHER				WHITE				
	PLACE OF BIRTH				PLACE OF BIRTH				PLACE OF BIRTH				PLACE OF BIRTH				
	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	TOTAL
CENSUS AREA																	
01 NORTH SLOPE	.	.	.	.	92	4	.	.	2	.	.	.	5	.	.	.	103
02 KOBUK	.	.	.	.	146	9	.	2	.	.	.	.	15	.	.	.	172
03 NOME	1	.	.	.	143	11	.	6	1	.	.	.	23	.	.	.	185
04 YUKON	.	.	.	.	.	4	.	1	.	.	.	.	.	.	.	.	5
05 FAIRBANKS	83	.	.	1	256	.	.	2	40	.	.	.	1577	.	.	23	1982
06 SE FBKS	.	.	.	.	.	.	5	.	.	.	.	.	2	.	2	3	12
07 WADE HAMP	.	.	.	.	.	5	.	3	.	.	.	.	.	.	.	.	8
08 BETHEL	.	.	.	.	412	9	.	4	1	.	.	.	28	.	.	1	455
09 DILLINGHAM	.	.	1	.	.	2	69	3	.	.	.	.	.	.	3	1	79
10 BRISTOL BAY	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1
11 ALEUTIANS	6	.	.	.	.	7	3	2	9	.	.	.	82	4	.	4	117
12 MAT-SU	.	.	.	.	8	.	.	.	2	.	.	.	382	4	.	39	435
13 ANCHORAGE	297	.	.	1	796	.	.	2	197	.	.	1	4357	4	.	105	5760
14 KENAI	1	.	.	.	50	1	.	.	7	.	1	.	603	31	1	34	729
15 KODIAK	1	.	.	.	44	1	.	.	27	.	.	.	202	2	1	1	279
16 VALDEZ-CORD	1	.	.	.	16	.	.	.	2	.	.	.	140	3	.	5	167
17 SKAGWAY	.	.	.	.	.	2	.	1	.	.	.	.	.	.	1	.	4
18 HAINES	.	.	.	.	.	.	5	.	.	.	2	.	.	.	21	1	29
19 JUNEAU	3	.	.	.	83	.	.	.	12	.	.	.	414	46	.	5	563

(CONTINUED)

TABLE 2.8A

1983: BIRTHS BY RACE OF MOTHER, AND CENSUS AREA AND PLACE OF OCCURRENCE

	RACE OF MOTHER																
	BLACK				NATIVE				OTHER				WHITE				
	PLACE OF BIRTH				PLACE OF BIRTH				PLACE OF BIRTH				PLACE OF BIRTH				
	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	TOTAL
CENSUS AREA																	
20 SITKA	.	.	.	.	68	.	.	.	8	.	.	.	123	1	.	1	201
21 WRANGELL-P	.	.	.	.	22	2	.	.	2	.	.	.	91	.	.	3	120
22 PR OF WALES	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1	2
23 KETCHIKAN	1	.	.	.	101	.	.	1	8	.	.	.	259	1	.	5	376
TOTAL	394	.	1	2	2237	57	82	27	318	.	3	2	8303	97	29	232	11784

NOTES: 1. NATIONAL CENTER FOR HEALTH STATISTICS' FACILITIES CODES;
HOSPITALS, 001-260 (INCLUDES MILITARY, ANH AND PHS HOSPITAL)
OUTPATIENT, 500-760 (INCLUDES MILITARY, ANH AND PHS OUTPATIENT FACILITIES)
OTHER, 990-999 (INCLUDES DOCTOR'S OFFICE, AT SEA, ENROUTE, ETC.)

TABLE 2.9A

1983: BIRTHS BY RACE OF MOTHER, CENSUS AREA OF OCCURRENCE AND TYPE OF ATTENDANT

	RACE OF MOTHER																
	BLACK				NATIVE				OTHER				WHITE				
	ATTENDANT				ATTENDANT				ATTENDANT				ATTENDANT				
	MD	MW	NRS	OTH	MD	MW	NRS	OTH	MD	MW	NRS	OTH	MD	MW	NRS	OTH	ALL
CENSUS AREA																	
OUT OF STATE	2	.	.	.	4	.	.	.	3	.	.	.	135	2	2	5	153
01 NORTH SLOPE	.	.	.	.	88	1	.	7	2	.	.	.	5	.	.	.	103
02 KOBUK	.	.	.	.	146	4	.	7	.	.	.	.	15	[illegible]	.	.	172
03 NOME	1	.	.	.	126	2	1	31	1	.	.	.	15	.	.	8	185
04 YUKON	.	.	.	.	1	.	.	4	.	.	.	.	.	.	.	.	5
05 FAIRBANKS	79	2	2	1	251	2	3	2	38	1	1	.	1523	57	8	12	1982
06 SE FBKS	.	.	.	.	.	.	1	4	.	.	.	.	.	.	2	5	12
07 WADE HAMP	.	.	.	.	.	3	1	4	.	.	.	.	.	.	.	.	8
08 BETHEL	.	.	.	.	4	2	401	18	.	.	1	.	.	.	28	1	455
09 DILLINGHAM	1	.	.	.	67	3	.	4	.	.	.	.	4	.	.	.	79
10 BRISTOL BAY	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1
11 ALEUTIANS	6	.	.	.	4	1	2	5	9	.	.	.	90	.	.	.	117
12 MAT-SU	.	.	.	.	8	.	.	.	1	1	.	.	314	79	.	32	435
13 ANCHORAGE	238	41	10	9	576	197	5	20	176	18	1	3	3809	472	85	100	5760
14 KENAI	1	.	.	.	44	7	.	.	8	.	.	.	561	78	1	29	729
15 KODIAK	1	.	.	.	44	.	1	.	25	.	.	2	204	.	.	2	279
16 VALDEZ-CORD	1	.	.	.	16	.	.	.	2	.	.	.	141	.	1	6	167
17 SKAGWAY	.	.	.	.	.	.	3	.	.	.	.	.	1	.	.	.	4
18 HAINES	.	.	.	.	5	.	.	.	2	.	.	.	21	.	1	.	29

(CONTINUED)

TABLE 2.9A

1983: BIRTHS BY RACE OF MOTHER, CENSUS AREA OF OCCURRENCE AND TYPE OF ATTENDANT

	RACE OF MOTHER																
	BLACK				NATIVE				OTHER				WHITE				
	ATTENDANT				ATTENDANT				ATTENDANT				ATTENDANT				
	MD	MW	NRS	OTH	MD	MW	NRS	OTH	MD	MW	NRS	OTH	MD	MW	NRS	OTH	ALL
CENSUS AREA																	
19 JUNEAU	3	.	.	.	82	1	.	.	9	3	.	.	395	65	.	5	563
20 SITKA	.	.	.	.	68	.	.	.	8	.	.	.	123	.	.	2	201
21 WRANGELL-P	.	.	.	.	22	.	.	2	2	.	.	.	91	1	.	2	120
22 PR OF WALES	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1	2
23 KETCHIKAN	1	.	.	.	99	2	.	1	6	2	.	.	212	49	1	3	376
ALL	334	43	12	10	1655	225	418	109	292	25	3	6	7660	803	129	213	11937

NOTES: ATTENDANT CODES;
MD = PHYSICIANS, OSTEOPATHS, RESIDENTS AND INTERNS
MW = MIDWIFE, NURSE-MIDWIFE, CERTIFIED NURSE MIDWIFE, MIDHUSBAND
NRS = NURSE
OTH = STATUS NOT STATED

TABLE 2.10A

1983: BIRTHS TO UNWED MOTHERS BY RACE, EDUCATION, AND CENSUS AREA OF RESIDENCE

	RACE OF MOTHER																
	BLACK				NATIVE				OTHER				WHITE				
	YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				
	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	TOTAL
CENSUS AREA																	
01 NORTH SLOPE	.	.	.	.	1	79	2	.	.	1	.	.	.	1	.	.	84
02 KOBUK	.	.	.	.	.	77	6	.	.	.	.	.	.	1	.	.	84
03 NOME	.	.	.	.	4	82	6	.	.	.	.	.	.	4	.	3	99
04 YUKON	.	.	.	.	3	69	12	1	.	.	.	.	.	5	3	.	93
05 FAIRBANKS	.	13	1	.	3	29	10	1	.	4	.	.	2	79	34	4	180
06 SE FBKS	.	.	.	.	.	12	.	.	.	.	.	.	.	6	.	.	18
07 WADE HAMP	.	.	.	.	.	68	5	.	.	1	.	.	.	.	.	.	74
08 BETHEL	.	.	.	.	6	108	13	1	.	.	.	.	.	2	.	.	130
09 DILLINGHAM	.	.	.	1	2	43	3	.	.	.	.	.	.	.	.	.	49
10 BRISTOL BAY	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	4
11 ALEUTIANS	.	.	.	.	1	12	.	.	.	.	.	.	.	.	2	.	15
12 MAT-SU	.	.	.	.	.	6	1	.	.	.	.	.	1	39	11	.	58
13 ANCHORAGE	1	44	15	1	6	139	35	.	.	6	3	.	6	275	83	8	622
14 KENAI	.	.	.	.	2	17	2	.	.	.	.	.	3	49	20	.	93
15 KODIAK	.	1	.	.	2	10	2	.	.	3	.	.	.	12	6	.	36
16 VALDEZ-CORD	.	.	1	.	.	9	1	.	.	.	.	.	1	11	2	.	25
17 SKAGWAY	.	.	.	.	.	15	4	.	.	1	.	.	.	1	1	1	23
18 HAINES	.	.	.	.	.	4	.	.	.	.	.	.	.	1	2	.	7
19 JUNEAU	.	.	.	.	3	18	2	.	.	.	.	.	2	29	5	2	61

(CONTINUED)

TABLE 2.10A

1983: BIRTHS TO UNWED MOTHERS BY RACE, EDUCATION, AND CENSUS AREA OF RESIDENCE

	RACE OF MOTHER																
	BLACK				NATIVE				OTHER				WHITE				
	YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				
	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	TOTAL
CENSUS AREA																	
20 SITKA	.	.	.	.	1	9	.	.	.	.	1	.	.	8	3	.	22
21 WRANGELL-P	.	.	.	.	.	16	.	.	.	.	.	.	.	5	1	1	23
22 PR OF WALES	.	.	.	.	1	19	.	.	.	1	.	.	.	4	3	.	28
23 KETCHIKAN	.	.	.	.	.	18	.	.	.	1	.	.	.	20	3	1	43
TOTAL	1	58	17	2	35	863	104	3	.	18	4	.	15	552	179	20	1871

TABLE 2.11A

1983: BIRTHS BY RACE, AGE AND RESIDENCE OF MOTHER - FOR WHITES AND NATIVES ONLY

	RACE OF MOTHER														
	WHITE							NATIVE							
	AGE OF MOTHER							AGE OF MOTHER							
	< 15	15-19	20-24	25-29	30-34	35-39	40 +	< 15	15-19	20-24	25-29	30-34	35-39	40 +	TOTAL
CENSUS AREA															
01 NORTH SLOPE	.	1	7	3	2	3	.	.	35	63	32	12	4	1	163
02 KOBUK	.	.	5	9	6	3	1	.	31	65	44	22	11	1	198
03 NOME	.	2	9	19	6	2	.	.	27	69	45	35	8	4	226
04 YUKON	.	4	19	23	17	5	.	.	19	49	49	21	4	.	210
05 FAIRBANKS	.	107	489	489	270	76	8	.	15	50	29	18	1	1	1553
06 SE FBKS	.	12	39	35	19	7	.	.	4	4	8	5	1	.	134
07 WADE HAMP	.	.	1	5	3	4	1	.	29	61	43	22	16	5	190
08 BETHEL	.	1	10	19	14	8	1	.	37	137	105	49	16	3	400
09 DILLINGHAM	.	1	2	5	6	1	.	1	16	55	39	21	6	2	155
10 BRISTOL BAY	.	1	5	.	2	.	.	.	2	8	2	1	.	.	21
11 ALEUTIANS	.	3	51	36	19	3	.	.	6	25	14	7	3	1	168
12 MAT-SU	.	47	210	243	126	36	6	.	7	12	8	6	1	1	703
13 ANCHORAGE	.	329	1382	1393	757	197	19	.	71	160	124	40	14	.	4486
14 KENAI	.	67	236	250	139	32	8	1	16	16	17	10	4	2	798
15 KODIAK	.	12	74	73	52	10	1	.	14	22	16	9	1	.	284
16 VALDEZ-CORD	1	11	47	68	37	13	.	.	1	15	3	1	1	.	198
17 SKAGWAY	1	3	9	13	10	4	.	.	11	11	9	3	2	.	76
18 HAINES	.	2	10	16	7	3	.	.	3	.	4	.	.	.	45
19 JUNEAU	.	20	114	164	114	24	2	1	17	23	23	10	2	.	514

(CONTINUED)

TABLE 2.11A

1983: BIRTHS BY AGE, RACE AND RESIDENCE OF MOTHER - FOR WHITES AND NATIVES ONLY

	RACE OF MOTHER														
	WHITE							NATIVE							
	AGE OF MOTHER							AGE OF MOTHER							
	< 15	15-19	20-24	25-29	30-34	35-39	40 +	< 15	15-19	20-24	25-29	30-34	35-39	40 +	TOTAL
CENSUS AREA															
20 SITKA	.	16	29	50	22	7	2	1	12	13	9	2	1	.	164
21 WRANGELL-P	1	4	31	43	26	5	2	.	11	11	11	2	.	1	148
22 PR OF WALES	1	.	18	20	15	3	.	1	16	27	11	8	1	.	121
23 KETCHIKAN	.	21	72	75	40	11	.	.	11	13	6	5	1	1	256
TOTAL	4	664	2869	3051	1709	457	51	5	411	909	651	309	98	23	11211

TABLE 2.12A

1983: BIRTHS BY RACE, AGE AND RESIDENCE OF MOTHER - FOR BLACKS AND OTHERS ONLY

	RACE OF MOTHER														
	BLACK							OTHER							
	AGE OF MOTHER							AGE OF MOTHER							
	< 15	15-19	20-24	25-29	30-34	35-39	40 +	< 15	15-19	20-24	25-29	30-34	35-39	40 +	TOTAL
CENSUS AREA															
01 NORTH SLOPE	.	.	.	1	.	.	.	.	.	1	.	1	.	.	3
03 NOME	.	.	.	.	1	.	.	.	1	.	.	.	.	.	2
05 FAIRBANKS	.	11	35	20	10	1	.	.	.	7	22	6	3	1	116
06 SE FBKS	.	.	5	1	1	.	.	.	1	1	.	.	.	.	9
07 WADE HAMP	.	.	.	.	.	.	.	.	.	1	1	.	.	.	2
08 BETHEL	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1
09 DILLINGHAM	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
11 ALEUTIANS	.	.	3	2	1	.	.	.	.	1	3	6	.	.	16
12 MAT-SU	.	.	.	.	1	.	.	.	.	1	3	2	1	.	8
13 ANCHORAGE	1	26	124	100	35	8	2	.	8	40	77	43	15	4	483
14 KENAI	.	.	.	1	.	.	.	.	.	4	2	2	.	.	9
15 KODIAK	.	.	1	2	.	.	.	.	.	5	12	9	2	.	31
16 VALDEZ-CORD	.	.	.	1	.	.	.	.	.	.	5	.	.	.	6
17 SKAGWAY	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1
18 HAINES	.	.	.	.	.	.	.	.	.	1	.	.	1	.	2
19 JUNEAU	.	.	.	2	1	.	.	.	.	3	3	4	2	.	15
20 SITKA	.	.	.	.	.	.	.	.	1	3	1	.	1	.	6
21 WRANGELL-P	.	.	.	.	.	.	.	.	.	2	.	1	1	.	4
22 PR OF WALES	.	.	.	.	.	.	.	.	.	.	.	3	.	.	3
23 KETCHIKAN	.	.	1	.	.	.	.	.	1	.	3	1	1	.	7
TOTAL	1	37	169	130	51	9	2	.	12	71	133	78	27	5	725

TABLE 2.13

1983: BIRTHWEIGHT BY RACE AND AGE OF MOTHER

		BIRTHWEIGHT IN GRAMS											
		< 500	500-749	750-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500+	TOTAL
AGE OF MOTHER	RACE OF MOTHER												
UNDER 15 YEARS	WHITE	.	.	.	.	.	.	.	2	1	1	.	4
	NATIVE	.	.	.	.	.	.	1	2	1	.	.	4
	BLACK	.	.	.	.	.	.	.	.	.	1	.	1
15-19 YEARS	WHITE	1	1	1	5	8	26	91	264	193	66	4	660
	NATIVE	1	1	.	3	2	10	45	173	129	38	4	406
	BLACK	.	1	.	1	1	1	9	15	6	3	.	37
	OTHER	.	.	.	.	.	.	4	3	3	.	.	10
20-24 YEARS	WHITE	2	.	.	17	32	72	346	1009	1015	312	59	2864
	NATIVE	3	1	3	6	16	29	97	327	299	107	16	904
	BLACK	.	.	.	3	.	6	27	89	34	10	.	169
	OTHER	.	.	.	.	.	2	14	32	18	4	1	71
25-29 YEARS	WHITE	1	4	4	5	30	74	327	1012	1107	401	77	3042
	NATIVE	1	.	1	2	7	23	86	230	206	72	21	649
	BLACK	.	.	.	1	1	3	33	57	26	4	5	130
	OTHER	1	.	.	.	2	5	16	50	45	11	3	133
30-34 YEARS	WHITE	2	9	4	9	16	43	171	508	647	243	56	1708
	NATIVE	.	.	.	2	6	9	34	94	107	42	11	305
	BLACK	1	.	.	.	1	2	14	17	10	5	1	51
	OTHER	.	.	.	1	.	6	14	28	19	8	2	78

(CONTINUED)

TABLE 2.13

1983: BIRTHWEIGHT BY RACE AND AGE OF MOTHER

		BIRTHWEIGHT IN GRAMS											
		< 500	500-749	750-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-2499	3500-3999	4000-4499	4500+	TOTAL
AGE OF MOTHER	RACE OF MOTHER												
35-39 YEARS	WHITE	.	1	1	1	10	8	48	137	146	77	27	456
	NATIVE	.	.	.	.	2	2	16	31	31	15	1	98
	BLACK	.	.	.	.	.	.	1	4	1	3	.	9
	OTHER	.	.	.	.	.	.	6	8	10	2	1	27
40-44 YEARS	WHITE	.	.	.	.	1	2	5	6	18	13	3	48
	NATIVE	.	.	.	.	.	.	3	5	6	4	2	20
	BLACK	.	.	.	.	.	.	.	1	1	.	.	2
	OTHER	.	1	.	.	.	.	.	1	1	1	1	5
45 + YEARS	WHITE	.	.	.	.	.	.	1	1	.	.	.	2
	NATIVE	.	.	.	.	.	.	.	1	2	.	.	3
TOTAL		13	19	14	56	135	323	1409	4107	4082	1443	295	11896

TABLE 2.14A

1979-1933: LOW BIRTHWEIGHT BIRTHS BY BIRTHWEIGHT, RESIDENCE OF MOTHER AND YEAR

	CHILD'S BIRTHWEIGHT IN GRAMS																				
	< 750					750-1499					1500-2499					2500-2999					
	YEAR					YEAR					YEAR					YEAR					
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	TOT-AL
CENSUS AREA																					
01 NORTH SLOPE	.	.	.	.	.	4	1	2	2	3	8	8	13	8	8	16	17	13	22	17	142
02 KOBUK	.	.	.	2	.	.	.	.	.	2	9	7	6	5	9	22	19	14	24	16	135
03 NOME	1	.	.	.	.	.	.	2	2	1	9	7	5	14	7	22	19	25	29	32	175
04 YUKON	.	.	.	1	1	1	5	.	2	1	14	11	7	13	5	18	26	27	31	35	198
05 FAIRBANKS	3	2	2	5	.	10	9	5	14	6	65	54	68	74	65	160	196	196	207	191	1332
06 SE FBKS	.	.	.	.	.	.	1	5	.	1	6	8	5	7	5	12	19	21	16	15	121
07 WADE HAMP	.	.	.	.	.	.	.	.	.	.	8	8	2	3	6	14	9	21	21	19	111
08 BETHEL	1	3	.	1	.	4	3	4	2	.	19	15	17	24	19	34	39	28	42	37	292
09 DILLINGHAM	.	.	.	.	.	1	1	.	1	.	6	4	5	8	10	12	18	9	21	18	114
10 BRISTOL BAY	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	2	.	.	4	1	9
11 ALEUTIANS	.	.	1	.	.	1	.	.	2	.	4	9	6	5	4	13	17	23	26	30	141
12 MAT-SU	3	2	2	.	2	5	1	1	3	.	20	12	13	17	25	48	53	47	50	88	392
13 ANCHORAGE	11	9	11	12	16	25	22	22	26	40	161	192	186	184	202	524	530	590	547	623	3933
14 KENAI	2	2	3	1	4	2	2	3	4	2	33	24	20	26	33	71	67	101	94	78	572
15 KODIAK	1	.	1	1	.	3	3	2	.	3	14	13	6	15	16	46	39	36	43	38	280
16 VALDEZ-CORD	.	1	.	2	.	1	1	1	2	.	8	8	8	3	4	24	20	26	26	32	167
17 SKAGWAY	1	.	1	1	.	.	1	.	1	.	7	2	4	2	1	10	7	4	8	11	61
18 HAINES	.	.	.	.	.	.	.	.	.	.	4	1	1	3	.	3	3	9	3	4	31
19 JUNEAU	1	5	.	2	6	3	.	4	8	1	12	21	24	16	18	48	50	51	45	67	382

(CONTINUED)

TABLE 2.14A

1979-1983: LOW BIRTHWEIGHT BIRTHS BY BIRTHWEIGHT, RESIDENCE OF MOTHER AND YEAR

	CHILD'S BIRTHWEIGHT IN GRAMS																				
	< 750					750-1499					1500-2499					2500-2999					
	YEAR					YEAR					YEAR					YEAR					TOT-AL
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	
CENSUS AREA																					
20 SITKA	.	.	.	.	2	2	.	1	.	2	8	11	7	6	4	29	21	23	15	18	149
21 WRANGELL-P	.	.	.	.	.	1	.	.	2	4	8	3	3	6	1	15	7	15	20	15	100
22 PR OF WALES	.	2	.	.	.	.	.	1	2	2	3	2	3	1	7	5	14	10	18	12	82
23 KETCHIKAN	.	1	.	1	1	1	.	1	3	3	9	12	10	4	11	28	32	27	43	28	215
TOTAL	24	27	21	29	32	64	50	55	76	71	435	432	419	445	460	1176	1222	1316	1355	1425	9134

TABLE 2.15A

1979-1983: FREQUENCY AND RATE OF LOW BIRTHWEIGHT BIRTHS BY RESIDENCE OF MOTHER AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE
CENSUS AREA															
01 NORTH SLOPE	12	108	111	9	103	87	15	139	108	10	147	68	11	164	67
02 KOBUK	9	142	63	7	140	50	6	140	43	7	165	42	11	196	56
03 NOME	10	149	67	7	202	35	7	179	39	16	202	79	8	229	35
04 YUKON	15	181	83	16	183	87	7	189	37	16	238	67	7	209	33
05 FAIRBANKS	78	1292	60	65	1408	46	75	1469	51	93	1671	56	71	1675	42
06 SE FBKS	6	136	44	9	142	63	10	166	60	7	152	46	6	147	41
07 WADE HAMP	8	117	68	8	118	68	2	148	14	3	151	20	6	191	31
08 BETHEL	24	304	79	21	299	70	21	329	64	27	374	72	19	401	47
09 DILLINGHAM	7	108	65	5	120	42	5	110	45	9	156	58	10	155	65
10 BRISTOL BAY	.	13	.	.	16	.	1	21	48	1	26	38	.	22	.
11 ALEUTIANS	5	115	43	9	156	58	7	162	43	7	180	39	4	182	22
12 MAT-SU	28	411	68	15	382	39	16	438	37	20	585	34	27	713	38
13 ANCHORAGE	197	3823	52	223	3930	57	219	4214	52	222	4653	48	258	5015	51
14 KENAI	37	608	61	28	589	48	26	654	40	31	790	39	39	810	48
15 KODIAK	18	320	56	16	274	58	9	278	32	16	270	59	19	322	59
16 VALDEZ-CORD	9	170	53	10	180	56	9	192	47	7	195	36	4	205	20
17 SKAGWAY	8	93	86	3	82	37	5	70	71	4	79	51	1	77	13
18 HAINES	4	32	125	1	37	27	1	37	27	3	37	81	.	47	.
19 JUNEAU	16	386	41	26	423	61	28	445	63	26	469	55	25	546	46
20 SITKA	10	177	56	11	220	50	8	182	44	6	183	33	8	170	47

(CONTINUED)

TABLE 2.15A

1979-1983: FREQUENCY AND RATE OF LOW BIRTHWEIGHT BIRTHS BY RESIDENCE OF MOTHER AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE
CENSUS AREA															
21 WRANGELL-P	9	128	70	3	118	25	3	127	24	8	163	49	5	151	33
22 PR OF WALES	3	76	39	4	84	48	4	81	49	3	120	25	9	124	73
23 KETCHIKAN	10	240	42	13	245	53	11	261	42	8	267	30	15	263	57
TOTAL	523	9129	57	509	9451	54	495	10031	49	550	11273	49	563	12014	47
U.S.			69			68			68			68			n/a

NOTE: TLBWT = TOTAL LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS)
TBTH = TOTAL LIVE BIRTHS (WHERE BIRTHWEIGHT IS RECORDED)
RATE PER 1000 LIVE BIRTHS

TABLE 2.16A

1983: LOW BIRTHWEIGHT BIRTHS BY BIRTHWEIGHT, AND RACE AND RESIDENCE OF MOTHER

	CHILD'S BIRTHWEIGHT IN GRAMS																
	< 750				750-1499				1500-2499				2500-2999				
	RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				
	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	ALL
CENSUS AREA																	
01 NORTH SLOPE	.	.	.	.	.	3	.	.	1	7	.	.	1	16	.	.	28
02 KOBUK	.	.	.	.	.	2	.	.	.	9	.	.	2	14	.	.	27
03 NOME	.	.	.	.	.	1	.	.	3	4	.	.	4	26	1	1	40
04 YUKON-KOYUKUK	.	1	.	.	.	1	.	.	.	5	.	.	12	23	.	.	42
05 FAIRBANKS	.	.	.	.	3	1	1	1	57	2	4	2	154	19	13	3	260
06 SE FAIRBANKS	.	.	.	.	1	.	.	.	1	3	1	.	12	2	1	.	21
07 WADE HAMPTON	.	.	.	.	.	.	.	.	.	6	.	.	2	17	.	.	25
08 BETHEL	.	.	.	.	.	.	.	.	2	17	.	.	3	34	.	.	56
09 DILLINGHAM	.	.	.	.	.	.	.	.	1	9	.	.	1	17	.	.	28
10 BRISTOL BAY	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1
11 ALEUTIAN ISLANDS	.	.	.	.	.	.	.	.	3	1	.	.	15	11	1	3	34
12 MATANUSKA-SUSITNA	2	.	.	.	.	.	.	.	22	2	.	1	85	2	.	1	115
13 ANCHORAGE	8	4	2	2	33	3	4	.	159	27	10	5	478	43	64	30	872
14 KENAI PENINSULA	4	.	.	.	2	.	.	.	31	2	.	.	65	12	.	1	117
15 KODIAK ISLAND	.	.	.	.	3	.	.	.	8	3	.	5	23	11	.	4	57
16 VALDEZ-CORDOVA	.	.	.	.	.	.	.	.	3	.	.	1	27	4	1	.	36
17 SKAGWAY	.	.	.	.	.	.	.	.	1	.	.	.	6	4	.	.	11
18 HAINES	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	4
19 JUNEAU	4	2	.	.	.	1	.	.	13	4	.	.	48	11	2	3	88
20 SITKA	2	.	.	.	2	.	.	.	3	1	.	.	10	4	.	4	26

(CONTINUED)

TABLE 2.16A

1983: LOW BIRTHWEIGHT BIRTHS BY BIRTHWEIGHT, AND RACE AND RESIDENCE OF MOTHER

	CHILD'S BIRTHWEIGHT IN GRAMS																
	< 750				750-1499				1500-2499				2500-2999				
	RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				
	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	ALL
CENSUS AREA																	
21 WRANGELL-PETER	.	.	.	.	1	3	.	.	1	.	.	.	11	3	.	1	20
22 PRINCE OF WALES	.	.	.	.	1	1	.	.	5	2	.	.	5	5	.	2	21
23 KETCHIKAN	1	.	.	.	1	2	.	.	8	2	.	1	23	3	1	1	43
TOTAL	21	7	2	2	47	18	5	1	322	106	15	15	991	282	84	54	1972

TABLE 2.17A

1983: FREQUENCY AND RATE OF LOW BIRTHWEIGHT BIRTHS BY RACE AND RESIDENCE OF MOTHER

	RACE														
	UNKNOWN			WHITE			NATIVE			BLACK			OTHER		
	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE
CENSUS AREA															
01 NORTH SLOPE	.	.	.	1	16	63	10	145	69	.	1	.	.	2	.
02 KOBUK	.	.	.	.	24	.	11	172	64	.	.	.	.	.	.
03 NOME	.	1	.	3	38	79	5	188	27	.	1	.	.	1	.
04 YUKON	.	1	.	.	68	.	7	140	50	.	.	.	.	.	.
05 FAIRBANKS	.	9	.	60	1437	42	3	113	27	5	77	65	3	39	77
06 SE FBKS	.	3	.	2	113	18	3	22	136	1	7	143	.	2	.
07 WADE HAMP	.	.	.	.	14	.	6	175	34	.	.	.	.	2	.
08 BETHEL	.	.	.	2	53	38	17	347	49	.	.	.	.	1	.
09 DILLINGHAM	.	1	.	1	15	67	9	138	65	.	1	.	.	.	.
10 BRISTOL BAY	.	1	.	.	8	.	.	13	.	.	.	.	.	.	.
11 ALEUTIANS	.	.	.	3	111	27	1	55	18	.	6	.	.	10	.
12 MAT-SU	.	3	.	24	667	36	2	35	57	.	1	.	1	7	143
13 ANCHORAGE	1	56	18	200	4070	49	34	408	83	16	296	54	7	185	38
14 KENAI	.	7	.	37	729	51	2	65	31	.	1	.	.	8	.
15 KODIAK	.	9	.	11	221	50	3	61	49	.	3	.	5	28	179
16 VALDEZ-CORD	.	1	.	3	177	17	.	21	.	.	1	.	1	5	200
17 SKAGWAY	.	2	.	1	40	25	.	34	.	.	.	.	.	1	.
18 HAINES	.	.	.	.	38	.	.	7	.	.	.	.	.	2	.
19 JUNEAU	1	20	50	17	435	39	7	76	92	.	3	.	.	12	.
20 SITKA	.	.	.	7	126	56	1	38	26	.	.	.	.	6	.

(CONTINUED)

TABLE 2.17A

1983: FREQUENCY AND RATE OF LOW BIRTHWEIGHT BIRTHS BY RACE AND RESIDENCE OF MOTHER

	RACE														
	UNKNOWN			WHITE			NATIVE			BLACK			OTHER		
	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE
CENSUS AREA															
21 WRANGELL-P	.	.	.	2	111	18	3	36	83	.	.	.	.	4	.
22 PR OF WALES	.	.	.	6	57	105	3	64	47	.	.	.	.	3	.
23 KETCHIKAN	.	.	.	10	219	46	4	37	108	.	1	.	1	6	167
ALASKA	2	114	18	390	8787	44	131	2390	55	22	399	55	18	324	56

NOTE: TLBWT = TOTAL LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS)
TBTH = TOTAL BIRTHS (WHERE BIRTHWEIGHT IS RECORDED)
RATE PER 1000 LIVE BIRTHS

TABLE 2.18A

1983: LOW BIRTHWEIGHT BIRTHS BY BIRTHWEIGHT AND AGE AND RESIDENCE OF MOTHER

	CHILD'S BIRTHWEIGHT IN GRAMS																					
	LESS THAN 1500							1500-2499							2500-2999							
	AGE OF MOTHER							AGE OF MOTHER							AGE OF MOTHER							
CENSUS AREA	LESS 15	15-19	20-24	25-29	30-34	35-39	40-UP	LESS 15	15-19	20-24	25-29	30-34	35-39	40-UP	LESS 15	15-19	20-24	25-29	30-34	35-39	40-UP	TOT-AL
01 NSB	.	.	2	.	.	.	.	.	.	2	5	.	1	.	.	3	6	3	3	2	.	27
02 KOB	.	.	2	.	.	.	.	.	.	4	3	1	1	.	.	3	5	5	2	1	.	27
03 NOM	.	.	.	1	.	.	.	.	3	2	2	.	.	.	.	6	10	5	8	2	1	40
04 YUK	.	1	.	1	.	.	.	.	.	2	2	1	.	.	.	4	9	13	7	2	.	42
05 FBK	.	.	1	2	3	.	.	.	9	19	22	12	2	1	.	15	77	65	25	7	2	262
06 SEF	.	1	.	.	.	.	.	.	1	.	1	2	1	.	.	1	5	4	3	1	.	20
07 WAH	.	.	.	.	.	.	.	.	.	4	2	.	.	.	.	4	7	1	2	5	.	25
08 BET	.	.	.	.	.	.	.	.	1	5	4	7	2	.	.	4	10	11	7	4	1	56
09 DIL	.	.	.	.	.	.	.	.	2	5	3	.	.	.	.	2	9	6	.	1	.	28
10 BBB	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1
11 ALI	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	1	14	10	4	1	.	34
12 MSB	.	.	.	.	2	.	.	.	4	6	8	5	2	.	.	8	25	35	15	5	.	115
13 ANC	.	8	18	12	14	3	1	.	21	72	59	40	10	.	.	72	210	203	106	28	3	880
14 KPB	.	2	1	1	2	.	.	.	4	11	11	5	.	2	.	8	32	25	8	5	.	117
15 KIB	.	.	2	1	.	.	.	.	1	4	5	6	.	.	.	3	11	15	7	2	.	57
16 VAC	.	.	.	.	.	.	.	.	.	1	3	.	.	.	.	2	15	11	4	.	.	36
17 SYA	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	3	2	5	.	.	12
18 HNS	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	4
19 JUN	.	.	4	.	3	.	.	.	1	8	4	3	2	.	.	4	19	25	17	2	.	92

(CONTINUED)

TABLE 2.16A

1983: LOW BIRTHWEIGHT BIRTHS BY BIRTHWEIGHT, AND AGE AND RESIDENCE OF MOTHER

	CHILD'S BIRTHWEIGHT IN GRAMS																					
	LESS THAN 1500							1500-2499							2500-2999							
	AGE OF MOTHER							AGE OF MOTHER							AGE OF MOTHER							
CENSUS AREA	LESS 15	15-19	20-24	25-29	30-34	35-39	40-UP	LESS 15	15-19	20-24	25-29	30-34	35-39	40-UP	LESS 15	15-19	20-24	25-29	30-34	35-39	40-UP	TOTAL
20 SIT	.	1	.	.	3	.	.	.	1	1	2	.	.	.	.	3	4	8	.	3	.	26
21 WRP	.	2	2	.	.	.	.	.	.	.	1	.	.	.	.	1	6	4	2	.	2	20
22 POW	.	.	1	.	1	.	.	.	.	5	2	.	.	.	1	2	2	2	5	.	.	21
23 KET	.	.	2	2	.	.	.	.	.	2	7	2	.	.	.	2	9	12	5	.	.	43
TOTAL	.	15	35	20	28	3	1	.	48	157	146	84	22	3	1	149	491	467	235	71	9	1985

TABLE 2.1B

RESIDENT BIRTHS BY NATIVE REGIONAL CORPORATION and YEAR

	YEAR					
	1979	1980	1981	1982	1983	TOTAL
CORPORATION						
AHTNA INC	54	55	56	66	58	289
ALEUT CORP	115	157	163	180	184	799
ARCTIC SLOPE	102	102	135	142	155	636
BERING STRAIT	149	202	180	206	229	966
BRISTOL BAY	121	137	131	184	180	753
CALISTA CORP	421	422	481	528	593	2445
CHUGACH INC	167	176	209	205	228	985
COOK INLET	4791	4864	5253	5989	6495	27392
DOYON LIMITED	1611	1739	1829	2074	2044	9297
KONIAG INC	320	275	289	273	324	1481
NANA CORP	142	145	142	169	200	798
SEALASKA CORP	1136	1216	1213	1330	1389	6284
TOTAL	9129	9490	10081	11346	12079	52125

NOTE: POPULATION FIGURES FOR COMPUTATION OF BIRTHRATES ARE NOT AVAILABLE FOR NATIVE REGIONAL CORPORATIONS.

TABLE 2.2B

1983: BIRTHS BY NATIVE REGIONAL CORPORATION OF RESIDENCE BY MONTH

NRC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
AHTNA INCORPORATED	2	2	6	5	7	3	8	3	9	3	6	4	58
ALEUT CORPORATION	23	10	9	19	16	26	11	11	16	12	16	15	184
ARCTIC SLOPE REG CORP	13	9	14	13	8	19	16	12	10	17	16	8	155
BERING STRAIT NAT CORP	25	17	25	18	17	18	16	20	21	19	14	19	229
BRISTOL BAY CORP	18	14	17	21	10	15	18	15	9	17	17	9	180
CALISTA CORPORATION	42	40	52	43	47	62	61	47	54	48	49	48	593
CHUGACH INCORPORATED	15	18	21	18	28	14	19	24	13	19	22	17	228
COOK INLET REG CORP	476	513	564	531	589	581	561	558	571	517	529	505	6495
DOYON LIMITED	140	140	192	150	211	189	167	171	193	169	161	161	2044
KONIAG INCORPORATED	37	18	26	22	34	34	25	20	34	22	26	26	324
NANA CORPORATION	18	15	21	14	15	14	13	14	21	21	15	19	200
SEALASKA CORPORATION	100	102	103	119	104	137	121	119	138	102	131	113	1389
TOTAL	909	898	1050	973	1086	1112	1036	1014	1089	966	1002	944	12079

TABLE 2.4B

1983: BIRTHS BY RACE AND NATIVE REGIONAL CORPORATION OF MOTHER AND SEX OF CHILD

	RACE OF MOTHER										
	WHITE		NATIVE		BLACK		OTHER		UNKNOWN		
	SEX OF CHILD		SEX OF CHILD		SEX OF CHILD		SEX OF CHILD		SEX OF CHILD		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	TOTAL
NATIVE REGIONAL CORPORATION											
AHTNA INCORPORATED	23	24	4	7	.	.	.	.	.	.	58
ALEUT CORPORATION	45	67	27	29	3	3	6	4	.	.	184
ARCTIC SLOPE REG CORP	6	8	71	66	.	1	2	.	.	1	155
BERING STRAIT NAT CORP	10	28	95	93	.	1	1	.	.	1	229
BRISTOL BAY CORP	16	7	75	78	1	.	.	.	3	.	180
CALISTA CORPORATION	36	31	263	260	.	.	1	2	.	.	593
CHUGACH INCORPORATED	86	102	20	11	.	2	3	2	2	.	228
COOK INLET REG CORP	2764	2657	251	238	133	164	109	93	43	42	6494
DOYON LIMITED	852	769	140	145	40	44	16	25	11	2	2044
KONIAG INCORPORATED	100	122	39	23	2	1	17	11	1	8	324
NANA CORPORATION	11	13	82	92	.	.	.	.	2	.	200
SEALASKA CORPORATION	523	508	153	145	1	3	19	15	17	5	1389
TOTAL	4472	4336	1220	1187	180	219	174	152	79	59	12078

TABLE 2.5B

1983: BIRTHS BY AGE, MARITAL STATUS, AND NATIVE REGIONAL CORPORATION OF MOTHER

	AGE GROUP																
	UNDER 15 YEARS		15 TO 19 YEARS		20 TO 24 YEARS		25 TO 29 YEARS		30 TO 34 YEARS		35 TO 39 YEARS		40 TO 44 YEARS		45 YEARS AND OVER		
	MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		MARITAL STATUS		
	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	MARR	UNMAR	TOTAL
NATIVE REGIONAL CORPORATION																	
AHTNA INC	.	.	1	2	13	8	20	1	9	.	4	.	.	.	.	.	58
ALEUT CORP	.	.	6	3	72	8	53	2	31	2	6	.	1	.	.	.	184
ARCTIC SLOPE	.	.	4	31	34	29	21	12	11	3	6	1	.	1	.	.	153
BERING STRAIT	.	.	5	25	35	43	50	15	30	11	5	5	3	.	.	1	228
BRISTOL BAY	.	1	10	9	40	29	37	12	26	5	6	1	2	.	.	.	178
CALISTA CORP	.	.	19	48	107	103	130	44	76	12	41	3	10	.	.	.	593
CHUGACH INC	.	1	10	9	53	8	74	7	45	2	16	1	1	.	.	.	227
COOK INLET	.	2	322	243	1898	300	2032	189	1084	70	280	26	34	6	1	.	6487
DOYON LIMITED	.	.	89	87	599	107	607	76	333	37	87	11	7	2	1	.	2043
KONIAG INC	.	.	16	10	83	20	103	5	67	5	12	2	1	.	.	.	324
NANA CORP	.	.	5	26	30	41	40	13	23	5	11	3	1	.	1	.	199
SEALASKA CORP	.	6	62	90	318	86	427	41	260	17	60	10	6	1	.	1	1385
TOTAL	.	10	549	583	3282	782	3594	417	1995	169	534	63	66	10	3	2	12059

TABLE 2.6B

1983: BIRTHS BY RACE, EDUCATION AND NATIVE REGIONAL CORPORATION OF MOTHER

	MOTHER'S RACE																
	WHITE				NATIVE				BLACK				OTHER				
	YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				
	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	TOTAL
NATIVE REGIONAL CORPORATION																	
AHTNA INC	1	24	19	3	.	10	1	.	.	.	.	.	.	.	.	.	58
ALEUT CORP	.	64	34	4	2	45	7	.	.	4	2	.	.	4	5	1	172
ARCTIC SLOPE	.	5	6	3	9	112	10	.	.	.	1	.	.	1	.	.	147
BERING STRAIT	.	16	13	7	11	145	25	.	.	.	.	1	.	1	.	.	219
BRISTOL BAY	1	3	9	5	11	111	25	.	.	.	.	1	.	.	.	.	166
CALISTA CORP	.	14	30	18	44	414	50	2	.	.	.	.	.	1	2	.	575
CHUGACH INC	4	93	73	14	2	22	7	.	.	.	2	.	.	.	3	.	220
COOK INLET	48	2836	2007	310	13	352	117	2	2	169	96	7	4	89	83	14	6149
DOYON LIMITED	11	828	607	128	10	195	67	6	.	48	31	4	2	14	18	3	1972
KONIAG INC	1	99	92	12	3	38	10	.	.	2	.	.	3	9	11	.	280
NANA CORP	.	5	11	8	5	145	19	.	.	.	.	.	.	.	.	.	193
SEALASKA CORP	7	449	407	73	6	215	37	1	.	.	3	.	1	19	8	2	1228
TOTAL	73	4436	3308	585	116	1804	375	11	2	223	135	13	10	138	130	20	11379

TABLE 2.7B

1980-1983: BIRTHS BY NATIVE REGIONAL CORPORATION AND RACE OF MOTHER

	YEAR																
	1980				1981				1982				1983				
	RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				
	WHITE	NAT	BLACK	OTHER	WHITE	NAT	BLACK	OTHER	WHITE	NAT	BLACK	OTHER	WHITE	NAT	BLACK	OTHER	TOTAL
CORPORATION																	
AHTNA INC	43	12	.	.	40	15	.	1	45	20	.	1	47	11	.	.	235
ALEUT CORP	88	54	1	14	112	39	3	9	113	51	2	14	112	56	6	10	684
ARCTIC SLOPE	12	90	.	.	21	111	3	.	15	123	.	4	14	137	1	3	534
BERING STRAIT	33	163	.	6	38	137	1	4	37	168	.	1	38	188	1	2	817
BRISTOL BAY	27	110	.	.	40	91	.	.	48	136	.	.	23	153	1	3	632
CALISTA CORP	48	373	1	.	62	414	1	4	71	454	.	3	67	523	.	3	2024
CHUGACH INC	144	25	1	6	167	31	1	10	173	28	.	4	188	31	2	7	818
COOK INLET	4054	403	257	150	4451	389	237	176	5051	425	284	228	5421	489	297	287	22599
DOYON LIMITED	1347	269	92	31	1419	273	95	42	1624	302	106	42	1621	285	84	54	7686
KONIAG INC	197	45	3	30	198	55	.	36	193	44	1	35	222	62	3	37	1161
NANA CORP	12	129	.	4	14	123	.	5	14	154	.	1	24	174	.	2	656
SEALASKA CORP	892	260	5	59	880	269	5	59	977	299	3	49	1031	298	4	56	5146
TOTAL	6897	1933	360	300	7442	1947	346	346	8361	2204	396	382	8808	2407	399	464	42992

TABLE 2.8B

1983: BIRTHS BY RACE OF MOTHER, AND NATIVE REGIONAL CORPORATION AND PLACE OF OCCURENCE

	RACE OF MOTHER																
	BLACK				NATIVE				OTHER				WHITE				
	PLACE OF BIRTH				PLACE OF BIRTH				PLACE OF BIRTH				PLACE OF BIRTH				
NATIVE REGIONAL CORPORATION	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	HOSPITAL	OTHER	OUTPATIENT	UNKNOWN	TOTAL
AHTNA INC	.	.	.	.	10	.	.	.	.	.	.	.	40	3	.	5	58
ALEUT CORP	6	.	.	.	.	7	3	2	9	.	.	.	82	4	.	4	117
ARCTIC SLOPE	.	.	.	.	92	4	.	.	2	.	.	.	5	.	.	.	103
BERING STRAIT	1	.	.	.	143	11	.	6	1	.	.	.	23	.	.	.	185
BRISTOL BAY	.	.	1	.	.	2	69	3	.	.	.	.	.	1	3	1	80
CALISTA CORP	.	.	.	.	412	14	.	7	1	.	.	.	28	.	.	1	463
CHUGACH INC	2	.	.	.	15	.	.	.	2	.	.	.	141	2	.	1	163
COOK INLET	297	.	.	1	845	1	.	2	206	.	1	1	5301	37	1	177	6870
DOYON LIMITED	83	.	.	1	256	4	5	3	40	.	.	.	1579	.	2	26	1999
KONIAG INC	1	.	.	.	44	1	.	.	27	.	.	.	202	2	1	1	279
NANA CORP	.	.	.	.	146	9	.	2	.	.	.	.	15	.	.	.	172
SEALASKA CORP	4	.	.	.	274	4	5	2	30	.	2	1	887	48	22	16	1295
TOTAL	394	.	1	2	2237	57	82	27	318	.	3	2	8303	97	29	232	11784

NOTES: 1. NATIONAL CENTER FOR HEALTH STATISTICS' FACILITIES CODES;
HOSPITALS, 001-260 (INCLUDES MILITARY, ANH AND PHS HOSPITALS)
OUTPATIENT, 500-760 (INCLUDES MILITARY, ANH AND PHS OUTPATIENT FACILITIES)
OTHER, 990-999 (INCLUDES DOCTOR'S OFFICE, AT SEA, ENROUTE, ETC.)

TABLE 2.9B

1983: BIRTHS BY RACE OF MOTHER, NATIVE REGIONAL CORPORATION OF OCCURRENCE AND TYPE OF ATTENDANT

	RACE OF MOTHER																
	BLACK				NATIVE				OTHER				WHITE				
	ATTENDANT				ATTENDANT				ATTENDANT				ATTENDANT				
NATIVE REGIONAL CORPORATION	MD	MW	NRS	OTH	MD	MW	NRS	OTH	MD	MW	NRS	OTH	MD	MW	NRS	OTH	ALL
OUT OF STATE	2	.	.	.	4	.	.	.	3	.	.	.	135	2	2	5	153
AHTNA INC	.	.	.	.	10	.	.	.	.	.	.	.	41	.	1	6	58
ALEUT CORP	6	.	.	.	4	1	2	5	9	.	.	.	90	.	.	.	117
ARCTIC SLOPE	.	.	.	.	88	1	.	7	2	.	.	.	5	.	.	.	103
BERING STRAIT	1	.	.	.	126	2	1	31	1	.	.	.	15	.	.	8	185
BRISTOL BAY	1	.	.	.	67	3	.	4	.	.	.	.	5	.	.	.	80
CALISTA CORP	.	.	.	.	4	5	402	22	.	.	1	.	.	.	28	1	463
CHUGACH INC	2	.	.	.	15	.	.	.	2	.	.	.	141	3	.	.	163
COOK INLET	238	41	10	9	619	204	5	20	185	19	1	3	4643	626	86	161	6870
DOYON LIMITED	79	2	2	1	252	2	4	10	38	1	1	.	1523	57	10	17	1999
KONIAG INC	1	.	.	.	44	.	1	.	25	.	.	2	204	.	.	2	279
NANA CORP	.	.	.	.	146	4	.	7	.	.	.	.	15	.	.	.	172
SEALASKA CORP	4	.	.	.	276	3	3	3	27	5	.	1	843	115	2	13	1295
ALL	334	43	12	10	1655	225	418	109	292	25	3	6	7660	803	129	213	11937

NOTES: ATTENDANT CODES;
MD = PHYSICIANS, OSTEOPATHS, RESIDENTS, AND INTERNS
MW = MIDWIFE, NURSE-MIDWIFE, CERTIFIED NURSE-MIDWIFE, MIDHUSBAND
NRS = NURSE
OTH = STATUS NOT STATED

TABLE 2.10B

1983: BIRTHS TO UNWED MOTHERS BY RACE, EDUCATION, AND NATIVE REGIONAL CORPORATION OF MOTHER

	RACE OF MOTHER																
	BLACK				NATIVE				OTHER				WHITE				
	YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				YEARS OF EDUCATION				
	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	0-8	9-12	13-16	17+	TOTAL
NATIVE REGIONAL CORPORATION																	
AHTNA INC	.	.	.	.	.	7	.	.	.	.	.	.	.	3	1	.	11
ALEUT CORP	.	.	.	.	1	12	.	.	.	.	.	.	.	.	2	.	15
ARCTIC SLOPE	.	.	.	.	1	71	2	.	.	1	.	.	.	1	.	.	76
BERING STRAIT	.	.	.	.	4	82	6	.	.	.	.	.	.	4	.	3	99
BRISTOL BAY	.	.	.	1	2	47	3	.	.	.	.	.	.	.	.	.	53
CALISTA CORP	.	.	.	.	6	176	18	1	.	1	.	.	.	2	.	.	204
CHUGACH INC	.	.	1	.	.	10	1	.	.	.	.	.	1	13	2	.	28
COOK INLET	1	44	15	1	8	154	38	.	.	6	3	.	10	358	113	8	759
DOYON LIMITED	.	13	1	.	6	115	22	2	.	4	.	.	2	90	37	4	296
KONIAG INC	.	1	.	.	2	10	2	.	.	3	.	.	.	12	6	.	36
NANA CORP	.	.	.	.	.	77	6	.	.	.	.	.	.	1	.	.	84
SEALASKA CORP	.	.	.	.	5	102	6	.	.	3	1	.	2	68	18	5	210
TOTAL	1	58	17	2	35	863	104	3	.	18	4	.	15	552	179	20	1871

TABLE 2.11B

1983: BIRTHS BY AGE, RACE AND NATIVE REGIONAL CORPORATION OF MOTHER - FOR WHITES AND NATIVES ONLY

	RACE OF MOTHER														
	WHITE							NATIVE							
	AGE OF MOTHER							AGE OF MOTHER							
	< 15	15-19	20-24	25-29	30-34	35-39	40 +	< 15	15-19	20-24	25-29	30-34	35-39	40 +	TOTAL
NATIVE REGIONAL CORPORATION															
AHTNA INC	.	2	13	20	9	3	.	.	1	8	1	.	1	.	58
ALEUT CORP	.	3	51	36	19	3	.	.	6	25	14	7	3	1	168
ARCTIC SLOPE	.	1	6	2	2	3	.	.	34	56	30	11	4	1	150
BERING STRAIT	.	2	9	19	6	2	.	.	27	69	45	35	8	4	226
BRISTOL BAY	.	2	7	5	8	1	.	1	18	63	41	22	6	2	176
CALISTA CORP	.	1	11	24	17	12	2	.	66	198	148	71	32	8	590
CHUGACH INC	1	13	50	66	43	15	.	.	6	11	7	4	2	1	219
COOK INLET	.	439	1812	1868	1007	260	33	1	88	184	144	53	17	2	5908
DOYON LIMITED	.	123	548	547	306	88	8	.	39	106	88	45	6	1	1905
KONIAG INC	.	12	74	73	52	10	1	.	14	22	16	9	1	.	284
NANA CORP	.	.	5	9	6	3	1	.	31	65	44	22	11	1	198
SEALASKA CORP	3	66	283	382	234	57	6	3	81	102	73	30	7	2	1329
TOTAL	4	664	2869	3051	1709	457	51	5	411	909	651	309	98	23	11211

TABLE 2.12B

1983: BIRTHS BY RACE, AGE AND NATIVE REGIONAL CORPORATION OF MOTHER - FOR BLACKS AND OTHERS ONLY

	RACE OF MOTHER														
	BLACK							OTHER							
	AGE OF MOTHER							AGE OF MOTHER							
NATIVE REGIONAL CORPORATION	< 15	15-19	20-24	25-29	30-34	35-39	40 +	< 15	15-19	20-24	25-29	30-34	35-39	40 +	TOTAL
ALEUT CORP	.	.	3	2	1	.	.	.	.	1	3	6	.	.	16
ARCTIC SLOPE	.	.	.	1	.	.	.	.	.	1	.	1	.	.	3
BERING STRAIT	.	.	.	.	1	.	.	.	1	.	.	.	.	.	2
BRISTOL BAY	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
CALISTA CORP	.	.	.	.	.	.	.	.	.	1	2	.	.	.	3
CHUGACH INC	.	.	.	2	.	.	.	.	.	.	5	.	.	.	7
COOK INLET	1	26	124	100	36	8	2	.	8	45	82	47	16	4	499
DOYON LIMITED	.	11	40	21	11	1	.	.	1	8	22	6	3	1	125
KONIAG INC	.	.	1	2	.	.	.	.	.	5	12	9	2	.	31
SEALASKA CORP	.	.	1	2	1	.	.	.	2	10	7	9	6	.	38
TOTAL	1	37	169	130	51	9	2	.	12	71	133	78	27	5	725

TABLE 2.14B

1979-1983: LOW BIRTHWEIGHT BIRTHS BY BIRTHWEIGHT, NATIVE REGIONAL CORPORATION OF MOTHER AND YEAR

	CHILD'S BIRTHWEIGHT IN GRAMS																				TOTAL
	< 750					750-1499					1500-2499					2500-2999					
	YEAR					YEAR					YEAR					YEAR					
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	
NRC																					
AHTNA INC	.	1	.	.	.	1	.	.	.	.	3	1	2	.	.	8	5	7	8	10	46
ALEUT CORP	.	.	1	.	.	1	.	.	2	.	4	9	6	5	4	13	17	23	26	30	141
ARCTIC SLOPE	.	.	.	.	.	4	1	2	2	3	8	8	12	8	7	14	17	13	21	15	135
BERING STRAIT	1	.	.	.	.	.	.	2	2	1	9	7	5	14	7	22	19	25	29	32	175
BRISTOL BAY	.	.	.	.	.	1	1	1	1	.	6	4	5	9	10	14	18	9	25	19	123
CALISTA CORP	1	3	.	1	.	4	3	4	2	.	27	23	19	27	25	48	48	49	63	56	403
CHUGACH INC	.	.	.	2	1	.	1	2	3	1	8	11	9	6	6	20	22	33	28	31	184
COOK INLET	15	13	16	13	21	32	25	25	32	41	211	224	216	224	258	639	643	724	681	780	4833
DOYON LIMITED	3	2	2	6	1	11	15	10	16	8	85	73	81	94	76	191	241	244	255	243	1657
KONIAG INC	1	.	1	1	.	3	3	2	.	3	14	13	6	15	16	46	39	36	43	38	280
NANA CORP	.	.	.	2	.	.	.	.	.	2	9	7	6	5	9	22	19	14	24	16	135
SEALASKA CORP	2	8	1	4	9	7	1	7	16	12	51	52	52	38	42	139	134	139	152	155	1021
TOTAL	23	27	21	29	32	64	50	55	76	71	435	432	419	445	460	1176	1222	1316	1355	1425	9133

TABLE 2.15B

1979-1983: FREQUENCY AND RATE OF LOW BIRTHWEIGHT BIRTHS BY NATIVE REGIONAL CORPORATION OF MOTHER AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE
NATIVE REGIONAL CORPORATION															
AHTNA INC	4	54	74	2	55	36	2	55	36	.	65	.	.	58	.
ALEUT CORP	5	115	43	9	156	58	7	162	43	7	180	39	4	182	22
ARCTIC SLOPE	12	102	118	9	101	89	14	135	104	10	140	71	10	151	66
BERING STRAIT	10	149	67	7	202	35	7	179	39	16	202	79	8	229	35
BRISTOL BAY	7	121	58	5	136	37	6	131	46	10	182	55	10	177	56
CALISTA CORP	32	421	76	29	417	70	23	477	48	30	525	57	25	592	42
CHUGACH INC	8	167	48	12	175	69	11	205	54	11	204	54	8	227	35
COOK INLET	259	4791	54	262	4850	54	257	5238	49	269	5954	45	320	6458	50
DOYON LIMITED	99	1611	61	90	1734	52	93	1827	51	116	2067	56	85	2039	42
KONIAG INC	18	320	56	16	274	58	9	278	32	16	270	59	19	322	59
NANA CORP	9	142	63	7	140	50	6	140	43	7	165	42	11	196	56
SEALASKA CORP	60	1136	53	61	1211	50	60	1204	50	58	1319	44	63	1383	46
ALASKA	523	9129	57	509	9451	54	495	10031	49	550	11273	49	563	12014	47
U.S.			69			68			68			68			N/A

NOTE: TLBWT = TOTAL LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS)
TBTH = TOTAL BIRTHS (WHERE BIRTHWEIGHT IS RECORDED)
RATE PER 1000 LIVE BIRTHS

TABLE 2.16B

1983: LOW BIRTHWEIGHT BIRTHS BY BIRTHWEIGHT, AND RACE AND NATIVE REGIONAL CORPORATION OF MOTHER

	CHILD'S BIRTHWEIGHT IN GRAMS																
	< 750				750-1499				1500-2499				2500-2999				
	RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				RACE OF MOTHER				
	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	WHT	NAT	BLK	OTH	ALL
NATIVE REGIONAL CORPORATION																	
AHTNA INCORPORATED	.	.	.	.	.	.	.	.	.	.	.	.	8	2	.	.	10
ALEUT CORPORATION	.	.	.	.	.	.	.	.	3	1	.	.	15	11	1	3	34
ARCTIC SLOPE REG CORP	.	.	.	.	.	3	.	.	1	6	.	.	1	14	.	.	25
BERING STRAIT NAT CORP	.	.	.	.	.	1	.	.	3	4	.	.	4	26	1	1	40
BRISTOL BAY CORP	.	.	.	.	.	.	.	.	1	9	.	.	1	18	.	.	29
CALISTA CORPORATION	.	.	.	.	.	.	.	.	2	23	.	.	5	51	.	.	81
CHUGACH INCORPORATED	1	.	.	.	1	.	.	.	5	.	.	1	25	5	1	.	39
COOK INLET REG CORP	13	4	2	2	34	3	4	.	210	31	10	6	622	54	64	32	1091
DOYON LIMITED	.	1	.	.	4	2	1	1	58	11	5	2	178	46	14	3	326
KONIAG INCORPORATED	.	.	.	.	3	.	.	.	8	3	.	5	23	11	.	4	57
NANA CORPORATION	.	.	.	.	.	2	.	.	.	9	.	.	2	14	.	.	27
SEALASKA CORPORATION	7	2	.	.	5	7	.	.	31	9	.	1	107	30	3	11	213
TOTAL	21	7	2	2	47	18	5	1	322	106	15	15	991	282	84	54	1972

TABLE 2.17B

1983: FREQUENCY AND RATE OF LOW BIRTHWEIGHT BIRTHS BY RACE AND NATIVE REGIONAL CORPORATION OF MOTHER

	RACE														
	UNKNOWN			WHITE			NATIVE			BLACK			OTHER		
	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE	TLBWT	TBTH	RATE
NATIVE REGIONAL CORPORATION															
AHTNA INC	.	.	.	.	47	.	.	11	.	.	.	.	.	.	.
ALEUT CORP	.	.	.	3	111	27	1	55	18	.	6	.	.	10	.
ARCTIC SLOPE	.	.	.	1	14	71	9	134	67	.	1	.	.	2	.
BERING STRAIT	.	1	.	3	38	79	5	188	27	.	1	.	.	1	.
BRISTOL BAY	.	2	.	1	23	43	9	151	60	.	1	.	.	.	.
CALISTA CORP	.	.	.	2	67	30	23	522	44	.	.	.	.	3	.
CHUGACH INC	.	1	.	7	188	37	.	31	.	.	2	.	1	5	200
COOK INLET	1	66	15	257	5408	48	38	487	78	16	297	54	8	200	40
DOYON LIMITED	.	13	.	62	1619	38	14	282	50	6	84	71	3	41	73
KONIAG INC	.	9	.	11	221	50	3	61	49	.	3	.	5	28	179
NANA CORP	.	.	.	.	24	.	11	172	64	.	.	.	.	.	.
SEALASKA CORP	1	22	45	43	1027	42	18	296	61	.	4	.	1	34	29
ALASKA	2	114	18	390	8787	44	131	2390	55	22	399	55	18	324	56

NOTE: TLBWT = TOTAL LOW BIRTHWEIGHT BIRTHS (<2500 GRAMS)
TBTH = TOTAL BIRTHS (WHERE BIRTHWEIGHT IS RECORDED)
RATE PER 1000 LIVE BIRTHS

TABLE 2.18B

1983: LOW BIRTHWEIGHT BIRTHS BY BIRTHWEIGHT AND AGE AND NATIVE REGIONAL CORPORATION OF MOTHER

	CHILD'S BIRTHWEIGHT IN GRAMS																						
	LESS THAN 1500							1500-2499							2500-2999							
	AGE OF MOTHER							AGE OF MOTHER							AGE OF MOTHER							
	LESS 15	15-19	20-24	25-29	30-34	35-39	40-UP	LESS 15	15-19	20-24	25-29	30-34	35-39	40-UP	LESS 15	15-19	20-24	25-29	30-34	35-39	40-UP	TOT-AL
NRC																						
AHTNA	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	4	1	.	.	10
ALEUT	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	1	14	10	4	1	.	34
ARCT	.	.	2	.	.	.	.	.	.	2	4	.	1	.	.	3	5	3	2	2	.	24
BERI	.	.	.	1	.	.	.	.	3	2	2	.	.	.	.	6	10	5	8	2	1	40
BRIST	.	.	.	.	.	.	.	.	2	5	3	.	.	.	.	2	10	6	.	1	.	29
CALIS	.	.	.	.	.	.	.	.	1	9	6	7	2	.	.	8	17	12	9	9	1	81
CHUGA	.	.	.	1	1	.	.	.	.	1	4	1	.	.	.	4	12	9	5	1	.	39
COOK	.	10	19	12	17	3	1	.	29	89	77	49	12	2	.	86	265	261	127	37	3	1099
DOYON	.	2	1	3	3	.	.	.	10	21	26	15	3	1	.	20	92	82	36	10	2	327
KONI	.	.	2	1	.	.	.	.	1	4	5	6	.	.	.	3	11	15	7	2	.	57
NANA	.	.	2	.	.	.	.	.	.	4	3	1	1	.	.	3	5	5	2	1	.	27
SEALA	.	3	9	2	7	.	.	.	2	16	16	5	3	.	1	13	45	55	34	5	2	218
TOTAL	.	15	35	20	28	3	1	.	48	157	146	84	22	3	1	149	491	467	235	71	9	1985

TABLE 3.1A

1979-1983: RESIDENT DEATHS BY CENSUS AREA OF OCCURRENCE

	1979	1980	1981	1982	1983	TOTAL
CENSUS AREA						
01 NORTH SLOPE	23	30	22	24	27	126
02 KOBUK	35	30	24	35	25	149
03 NOME	40	44	49	45	34	212
04 YUKON-KOYUKUK	47	35	36	37	38	193
05 FAIRBANKS	174	186	201	214	248	1023
06 SE FAIRBANKS	5	11	10	16	16	58
07 WADE HAMPTON	19	12	13	14	14	72
08 BETHEL	58	54	45	50	55	262
09 DILLINGHAM	26	19	19	33	29	126
10 BRISTOL BAY	1	3	8	1	2	15
11 ALEUTIAN ISLANDS	23	31	31	23	28	136
12 MATANUSKA-SUSITNA	68	66	77	81	85	377
13 ANCHORAGE	563	651	633	666	729	3242
14 KENAI PENINSULA	99	74	93	105	122	493
15 KODIAK ISLAND	43	41	37	40	35	196
16 VALDEZ-CORDOVA	23	39	48	34	49	193
17 SKAGWAY	17	22	13	19	9	80
18 HAINES	2	5	8	2	2	19
19 JUNEAU	62	71	83	73	86	375
20 SITKA	62	66	62	41	46	277
21 WRANGELL-PETER	27	33	24	32	23	139
22 PRINCE OF WALES	12	10	6	17	12	57
23 KETCHIKAN	66	62	60	76	62	326
24 OUT OF STATE	108	93	107	117	125	550
TOTAL	1603	1688	1709	1795	1901	8697

TABLE 3.2A

1979-1983: DEATHS, ESTIMATED POPULATION, AND DEATH RATES BY CENSUS AREA OF RESIDENCE AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TDTH	POP	RATE	TDTH	POP	RATE	TDTH	POP	RATE	TDTH	POP	RATE	TDTH	POP	RATE
CENSUS AREA															
01 NORTH SLOPE	28	4500	6	33	4600	7	24	4700	5	28	4800	6	28	5168	5
02 KOBUK	41	4800	9	39	4900	8	29	5000	6	44	5100	9	35	5759	6
03 NOME	48	6700	7	53	6900	8	61	7300	8	60	7500	8	49	7661	6
04 YUKON	59	7600	8	54	7700	7	54	7800	7	49	7900	6	47	8635	5
05 FAIRBANKS	175	57700	3	188	57800	3	213	58300	4	227	59200	4	249	64810	4
06 SE FBKS	12	5800	2	15	5900	3	14	6000	2	24	6100	4	22	6516	3
07 WADE HAMP	28	4600	6	23	4700	5	19	4800	4	22	4800	5	24	5294	5
08 BETHEL	60	10700	6	63	11000	6	52	11100	5	59	11300	5	73	12232	6
09 DILLINGHAM	31	4600	7	25	4700	5	18	4700	4	39	4700	8	31	5623	6
10 BRISTOL BAY	2	1100	2	3	1200	2	9	1200	7	6	1300	5	4	1275	3
11 ALEUTIANS	21	8000	3	29	8100	4	29	8300	3	31	8500	4	29	8496	3
12 MAT-SU	82	18400	4	77	20200	4	103	23300	4	90	25200	4	126	29849	4
13 ANCHORAGE	534	180200	3	594	179000	3	585	184700	3	597	200500	3	668	227070	3
14 KENAI	117	25800	5	106	27600	4	110	29500	4	129	32500	4	131	34890	4
15 KODIAK	49	10600	5	48	11000	4	51	11700	4	44	12700	3	46	12896	4
16 VALDEZ-CORD	31	8900	3	45	9100	5	53	9300	6	43	9500	5	52	9722	5
17 SKAGWAY	29	3300	9	38	3400	11	28	3500	8	25	3600	7	22	3711	6
18 HAINES	7	1700	4	12	1700	7	7	1800	4	4	1900	2	5	1915	3
19 JUNEAU	70	18900	4	78	19800	4	98	21100	5	88	22000	4	100	25964	4
20 SITKA	46	7700	6	42	7800	5	36	8000	4	35	8200	4	37	8194	5

(CONTINUED)

TABLE 3.2A

1979-1983: DEATHS, ESTIMATED POPULATION, AND DEATH RATES BY CENSUS AREA OF RESIDENCE AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TDTH	POP	RATE	TDTH	POP	RATE	TDTH	POP	RATE	TDTH	POP	RATE	TDTH	POP	RATE
CENSUS AREA															
21 WRANGELL-P	36	6100	6	38	6300	6	34	6500	5	46	6700	7	38	6869	6
22 PR OF WALES	18	4200	4	17	4300	4	16	4400	4	22	4400	5	23	5293	4
23 KETCHIKAN	79	11800	7	67	12000	6	66	12200	5	83	12400	7	62	12712	5
ALASKA	1603	413700	3.9	1687	419700	4.0	1709	435200	3.9	1795	460800	3.9	1901	510554	3.7
U.S.			8.5			8.8			8.6			8.6			8.6

NOTE: RATE IS CRUDE DEATH RATE FOR THAT CENSUS AREA, E.G., THE NUMBER OF DEATHS IN A CENSUS AREA DIVIDED BY THE ESTIMATED POPULATION OF THAT AREA IN THAT YEAR X 1000.

TABLE 3.3A

1983: DEATHS BY RESIDENCE, RACE AND SEX OF DECEDENT

	RACE OF DECEDENT								
	WHITE		NATIVE		BLACK		OTHER		
	SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	TOTAL
CENSUS AREA									
01 NORTH SLOPE	.	1	18	9	.	.	.	.	28
02 KOBUK	4	.	16	14	.	.	.	.	34
03 NOME	3	.	31	15	.	.	.	.	49
04 YUKON-KOYUKUK	10	4	22	11	.	.	.	.	47
05 FAIRBANKS	146	62	15	14	5	6	.	.	248
06 SE FAIRBANKS	11	7	3	1	.	.	.	.	22
07 WADE HAMPTON	2	.	16	6	.	.	.	.	24
08 BETHEL	9	1	37	25	.	.	1	.	73
09 DILLINGHAM	4	.	17	6	.	.	.	.	27
10 BRISTOL BAY	3	.	1	.	.	.	.	.	4
11 ALEUTIAN ISLANDS	5	.	15	9	.	.	.	.	29
12 MATANUSKA-SUSITNA	76	43	1	3	1	.	.	1	125
13 ANCHORAGE	359	194	32	35	21	17	6	2	666
14 KENAI PENINSULA	71	44	7	7	.	.	.	1	130
15 KODIAK ISLAND	25	8	5	5	1	1	1	.	46
16 VALDEZ-CORDOVA	26	9	14	2	.	.	.	.	51
17 SKAGWAY	5	4	10	3	.	.	.	.	22
18 HAINES	1	4	.	.	.	.	.	.	5
19 JUNEAU	45	36	4	10	.	.	4	.	99

(CONTINUED)

TABLE 3.3A

1983: DEATHS BY RESIDENCE, RACE AND SEX OF DECEDENT

	RACE OF DECEDENT								
	WHITE		NATIVE		BLACK		OTHER		
	SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	TOTAL
CENSUS AREA									
20 SITKA	20	13	3	1	.	.	.	.	37
21 WRANGELL-PETER	15	13	7	1	1	.	1	.	38
22 PRINCE OF WALES	6	2	12	3	.	.	.	.	23
23 KETCHIKAN	35	11	2	8	1	1	3	.	61
TOTAL	881	456	288	188	30	25	16	4	1888

TABLE 3.4A

1983: DEATHS BY AGE AND RESIDENCE OF DECEDENT

	AGE AT DEATH																
	DAYS <28	DAYS 28+	YEARS 01-04	YEARS 05-09	YEARS 10-14	YEARS 15-19	YEARS 20-24	YEARS 25-29	YEARS 30-34	YEARS 35-39	YEARS 40-44	YEARS 45-49	YEARS 50-54	YEARS 55-59	YEARS 60-64	YEARS 65-69	YEARS 70+	TOTAL
CENSUS AREA																		
01 N SLOPE	4	.	.	.	.	3	3	2	3	2	.	2	.	1	1	4	3	28
02 KOBUK	2	4	.	.	.	1	8	2	.	.	2	1	4	2	3	2	4	35
03 NOME	1	2	1	.	.	1	2	3	3	1	1	5	4	1	4	4	16	49
04 YUKON	1	3	1	.	1	2	4	5	1	5	2	1	2	2	4	2	11	47
05 FAIRBANKS	6	14	2	2	4	8	15	13	14	9	10	11	15	24	18	24	59	248
06 SE FBKS	.	3	.	.	.	.	1	.	3	1	1	1	2	2	1	2	5	22
07 W HAMPTON	.	2	.	1	.	3	1	3	.	1	.	1	1	3	.	1	7	24
08 BETHEL	.	5	.	4	.	5	10	4	7	1	2	4	6	5	5	6	9	73
09 DILL_HAM	1	2	1	1	.	3	5	.	1	3	.	2	2	.	4	.	6	31
10 BRISTOL	.	.	.	.	.	.	.	.	.	.	.	1	1	.	1	1	.	4
11 ALEUTIANS	1	1	.	.	.	1	4	1	2	1	.	2	3	1	2	2	8	29
12 MAT-SU	5	6	4	4	1	5	6	5	2	10	4	9	9	11	5	14	26	126
13 ANCHORAGE	28	16	11	5	6	21	27	36	37	30	35	42	52	54	73	47	148	668
14 KENAI	7	.	3	2	.	5	6	7	7	3	6	2	6	11	14	19	33	131
15 KODIAK	1	2	1	.	.	1	7	2	1	2	.	3	3	4	4	5	10	46
16 VALDEZ	2	1	.	.	1	3	1	4	4	4	3	3	1	6	5	4	10	52
17 SKAGWAY	1	1	.	.	1	.	1	2	1	.	1	.	2	1	1	1	9	22

(CONTINUED)

TABLE 3.4A

1983: DEATHS BY AGE AND RESIDENCE OF DECEDENT

	AGE AT DEATH																	
	DAYS <28	DAYS 28+	YEARS 01-04	YEARS 05-09	YEARS 10-14	YEARS 15-19	YEARS 20-24	YEARS 25-29	YEARS 30-34	YEARS 35-39	YEARS 40-44	YEARS 45-49	YEARS 50-54	YEARS 55-59	YEARS 60-64	YEARS 65-69	YEARS 70+	TOTAL
CENSUS AREA																		
18 HAINES	.	.	.	.	1	.	.	.	.	.	.	.	2	.	1	.	1	5
19 JUNEAU	6	4	1	.	1	3	4	3	4	2	3	4	4	13	10	6	32	100
20 SITKA	2	.	.	.	.	1	.	1	2	.	.	2	2	3	7	2	15	37
21 WRANGELL	5	.	.	.	.	.	3	2	.	.	1	2	1	2	5	3	14	38
22 PR WALES	3	.	.	.	1	.	1	.	2	.	2	.	5	1	.	2	6	23
23 KETCHIKAN	1	3	1	.	.	.	.	1	4	2	5	3	4	4	8	4	22	62
TOTAL	77	69	26	19	17	66	109	96	98	77	78	101	131	151	176	155	454	1900

TABLE 3.5

1983: LEADING CAUSES OF DEATH IN ALASKA BY AGE GROUP

	AGE GROUP															
	<5	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	TOT-AL
CAUSE OF DEATH																
#1 DISEASES OF THE CIRCULATORY SYSTEM, INCLUDING:																
ISCHEMIC HEART DISEASE	.	.	.	.	.	.	1	2	10	12	22	47	37	28	95	254
CEREBROVASCULAR DISEASE	1	.	.	.	.	.	2	.	.	4	3	3	6	8	45	72
OTHER HEART DISEASE	4	.	.	2	.	1	1	3	1	2	7	5	10	14	48	98
OTHER CIRCULATORY SYSTEM	.	1	.	.	.	.	1	.	1	1	5	5	3	3	26	46
#2 ACCIDENTS, INCLUDING:																
ACCIDENT-AIR TRANSPORT	.	1	1	2	2	5	9	7	3	3	4	2	.	.	.	39
ACCIDENT-FIREARMS	.	1	.	5	5	3	.	2	2	1	3	.	.	.	1	23
ACCIDENT-DROWNING	1	4	.	7	12	10	7	5	4	9	8	2	1	1	.	71
ACCIDENT-MOTOR VEHICLE	3	5	7	21	24	22	17	8	6	6	3	6	2	1	4	135
ENVIRONMENTAL-COLD	1	.	.	1	.	1	3	1	.	.	2	.	1	.	.	10
ALL OTHER ACCIDENTS	13	3	1	10	20	16	15	8	8	9	10	1	6	3	11	134
UNDETERMINED IF ACCIDENTAL	.	.	.	2	3	.	1	1	.	.	.	.	2	.	2	11
#3 NEOPLASMS, INCLUDING:																
CANCER-LUNG, TRACHEA, & BRONCHUS	.	.	.	.	.	1	.	2	1	5	13	16	20	19	19	96
CANCER-COLON	.	.	.	.	.	.	1	.	3	4	2	3	9	3	10	35
CANCER-BREAST	.	.	.	.	.	.	1	.	3	4	3	7	5	5	2	30
CANCER-PROSTATE	.	.	.	.	.	.	.	.	.	.	.	.	1	5	8	14
CANCER-OTHER SITE	3	.	2	4	2	2	6	4	9	11	15	25	26	27	54	190
#3 DISEASES OF THE RESPIRATORY SYSTEM, INCLUDING:																
PNEUMONIA & INFLUENZA	5	.	.	.	.	.	3	1	1	.	2	3	6	4	18	43
OTHER RESPIRATORY DISEASES	2	.	2	.	1	.	1	1	1	.	5	5	10	10	30	68

(CONTINUED)

TABLE 3.5

1983: LEADING CAUSES OF DEATH IN ALASKA BY AGE GROUP

	AGE GROUP															
	<5	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	TOTAL
CAUSE OF DEATH																
#5 SUICIDE	.	.	2	9	20	16	11	10	7	3	4	1	2	2	1	88
#6 HOMICIDE	3	1	.	1	12	9	6	10	7	5	4	3	2	.	.	63
#7 ALCOHOL-RELATED DISEASES																
ALCOHOL DEPENDENCE	.	.	.	.	.	.	.	1	1	1	1	1	1	2	.	8
OTHER ALCOHOL RELATED	.	1	.	1	1	1	3	4	3	8	2	4	4	3	2	37
ALL OTHER CAUSES	136	2	2	1	7	9	9	7	7	13	14	12	22	18	78	337
TOTAL	172	19	17	66	109	96	98	77	78	101	132	151	176	156	454	1902

NOTE: PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF HOMICIDES AND SUICIDES FOR 1983.

TABLE 3.6A

1983: SELECTED CAUSES OF DEATH BY CENSUS AREA OF RESIDENCE

	CENSUS AREA																							
	01 NSB	02 KOB	03 NOM	04 YUK	05 FBK	06 SEF	07 WAH	08 BET	09 DIL	10 BBB	11 ALI	12 MSB	13 ANC	14 KPB	15 K!B	16 VAC	17 SYA	18 HNS	19 JUN	20 SIT	21 WRP	22 POW	23 KET	ALL
CAUSE OF DEATH																								
TUBERCULOSIS, ALL FORMS	.	.	.	.	1	.	.	1	.	.	.	.	3	.	.	.	.	.	1	.	1	.	.	7
OTHER INFECTIOUS & PARASITIC DISEASES	.	.	.	1	2	.	1	2	.	.	.	.	7	1	.	.	.	.	2	.	1	.	1	18
CANCER-BUCCAL CAVITY & PHARYNX	.	.	2	.	.	.	.	.	.	.	.	.	7	.	.	.	.	.	.	1	.	.	.	10
CANCER-DIGESTIVE ORGANS & PERITONEUM	1	.	3	1	9	1	.	5	.	.	3	3	30	6	4	1	1	.	11	2	2	.	1	84
CANCER-RESPIRATORY SYSTEM	1	.	3	.	8	1	.	4	.	.	1	8	46	12	2	.	1	.	4	3	3	.	.	97
CANCER-BREAST (FEMALE)	.	1	.	..	5	1	.	.	.	.	.	3	15	3	.	.	1	.	.	.	.	.	1	30
CANCER-GENITAL ORGANS	.	.	.	1	3	.	.	.	.	.	.	4	14	1	1	1	.	.	1	.	1	.	.	27
CANCER-URINARY SYSTEM	.	.	.	.	2	.	1	1	1	.	.	1	2	.	.	1	.	1	.	.	1	.	1	12
CANCER-BLOOD & LYMPHATIC	.	.	1	.	5	.	1	.	.	.	.	2	9	3	.	.	.	.	1	.	1	.	.	23
CANCER-UNSPECIFIED SITE	2	1	3	1	12	1	2	4	1	.	2	5	28	4	3	.	.	1	4	1	1	1	2	79
DIABETES MELLITUS	.	.	.	.	6	.	.	.	.	.	.	2	11	2	.	1	1	.	1	.	1	.	1	26
ALCOHOL DEPENDENCE	.	1	.	1	3	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	1	.	8
ALCOHOL RELATED DEATHS	2	.	1	1	6	.	.	3	.	.	.	2	17	1	1	1	1	.	1	.	.	.	.	37
RHEUMATIC FEVER AND HEART DISEASE	.	.	.	.	1	.	.	1	.	.	.	.	3	.	.	.	.	.	.	.	.	.	1	6
HYPERTENSIVE DISEASE	.	.	.	.	.	.	.	.	.	.	.	.	2	1	.	.	.	.	.	.	.	.	.	3

(CONTINUED)

TABLE 3.6A

1983: SELECTED CAUSES OF DEATH BY CENSUS AREA OF RESIDENCE

	CENSUS AREA																							
	01 NSB	02 KOB	03 NOM	04 YUK	05 FBK	06 SEF	07 WAH	08 BET	09 DIL	10 BBB	11 ALI	12 MSB	13 ANC	14 KPB	15 KIB	16 VAC	17 SYA	18 HNS	19 JUN	20 SIT	21 WRP	22 POW	23 KET	ALL
CAUSE OF DEATH																								
ISCHEMIC HEART DISEASE	3	4	8	4	32	5	1	1	2	1	4	21	86	17	6	8	1	1	20	10	3	3	13	254
CEREBROVASCULAR DISEASE	1	.	2	1	15	.	.	.	2	.	1	4	17	8	4	.	.	1	6	3	1	1	5	72
OTHER CIRCULATORY SYSTEM DISEASES	.	3	1	5	12	1	1	.	1	1	2	6	49	14	3	4	2	.	9	3	4	3	10	134
PNEUMONIA & INFLUENZA	1	2	3	2	7	1	.	3	1	.	1	2	11	2	1	.	.	.	1	1	.	1	3	43
OTHER RESPIRATORY SYSTEM DISEASES	2	1	1	1	6	1	1	2	1	.	1	2	29	6	2	1	1	.	4	3	.	1	2	68
DISEASES OF DIGESTIVE SYSTEM	1	.	.	1	8	1	.	.	.	.	1	3	25	1	1	1	1	.	2	1	2	1	.	50
GENITOURINARY SYSTEM DISEASES	.	2	1	1	4	.	1	.	.	.	.	.	4	1	1	.	.	.	.	.	1	1	.	17
CONGENITAL ANOMALIES	.	1	.	.	8	.	.	.	1	.	1	2	9	1	.	1	1	.	2	1	1	2	.	31
PERINATAL PERIOD CONDITIONS	3	2	1	1	1	.	.	.	.	.	2	2	18	6	1	1	.	.	6	1	4	1	1	51
ALL ACCIDENTS	5	8	8	17	43	4	11	32	13	1	12	31	136	26	8	13	5	1	10	6	4	5	14	413
SUICIDE	1	8	3	2	13	1	.	1	2	1	1	3	31	7	2	6	1	.	3	.	2	.	.	88
HOMICIDE	3	.	4	.	10	.	1	2	4	.	.	3	19	2	1	8	1	.	4	.	.	.	1	63
ALL OTHER CAUSES	2	1	4	6	26	4	3	11	2	.	1	13	40	5	6	4	4	.	7	1	3	2	5	150
ALL	28	35	49	47	248	22	24	73	31	4	33	122	669	130	47	52	22	5	100	37	38	23	62	1901

NOTE: PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF HOMICIDES AND SUICIDES FOR 1983.

TABLE 3.7

1983: RATES AND PERCENTAGES OF 15 LEADING CAUSES OF DEATH IN U.S. WITH ALASKA COMPARISONS

	ALASKA			U.S.	
	RATE	FREQ	PERCENT	RATE	PERCENT
CAUSE OF DEATH					
DISEASES OF HEART	0.73	371	19.51	3.28	38.1
MALIGNANT NEOPLASMS	0.71	362	19.03	1.88	21.9
CEREBROVASCULAR DISEASES	0.14	72	3.79	0.67	7.8
ACCIDENTS AND ADVERSE EFFECTS	0.81	413	21.71	0.39	4.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	0.09	46	2.42	0.28	3.3
PNEUMONIA AND INFLUENZA	0.08	43	2.26	0.23	2.7
DIABETES MELLITIS	0.05	26	1.37	0.15	1.8
SUICIDE	0.17	88	4.63	0.12	1.4
CHRONIC LIVER DISEASE AND CIRRHOSIS	0.08	40	2.10	0.12	1.4
ATHEROSCEROSIS	0.03	13	0.68	0.11	1.3
HOMICIDE AND LEGAL INTERVENTION	0.12	63	3.31	0.08	0.9
PERINATAL PERIOD CONDITIONS	0.10	51	2.68	0.08	0.9
NEPHRITIS, NEPHROTIC SYNDROME	0.03	13	0.68	0.08	0.9
SEPTICEMIA	0.02	11	0.58	0.06	0.7
CONGENITAL ANOMOLIES	0.06	31	1.63	0.06	0.6
ALL OTHER CAUSES	0.51	259	13.62	1.00	11.6
ALL CAUSES	3.73	1902	100.00	8.59	100.0

NOTE: 1. PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF SUICIDES AND HOMICIDES FOR 1983.

2. RATE PER 1000 RESIDENTS

TABLE 3.8A

1983: SUICIDE AND HOMICIDE DEATHS BY RACE, SEX, AND RESIDENCE OF DECEDENT

	DEATH																
	HOMICIDE								SUICIDE								
	RACE OF DECEDENT								RACE OF DECEDENT								
	WHITE		NATIVE		BLACK		OTHER		WHITE		NATIVE		BLACK		OTHER		
	SEX		SEX		SEX		SEX		SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	ALL
CENSUS AREA																	
01 NORTH SLOPE	.	1	1	1	.	.	.	.	.	.	1	.	.	.	.	.	4
02 KOBUK	.	.	.	.	.	.	.	.	1	.	6	1	.	.	.	.	8
03 NOME	.	.	3	1	.	.	.	.	1	.	2	.	.	.	.	.	7
04 YUKON-KOYUKUK	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	2
05 FAIRBANKS	5	3	1	1	.	.	.	.	11	.	1	.	1	.	.	.	23
06 SE FAIRBANKS	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1
07 WADE HAMPTON	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	1
08 BETHEL	.	.	1	1	.	.	.	.	.	.	.	1	.	.	.	.	3
09 DILLINGHAM	.	.	3	1	.	.	.	.	1	.	1	.	.	.	.	.	6
10 BRISTOL BAY	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1
11 ALEUTIAN ISLANDS	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1
12 MATANUSKA-SUSITNA	3	.	.	.	.	.	.	.	2	.	1	.	.	.	.	.	6
13 ANCHORAGE	11	1	1	.	2	1	2	1	22	4	5	.	.	.	.	.	50
14 KENAI PENINSULA	1	1	.	.	.	.	.	.	4	3	.	.	.	.	.	.	9
15 KODIAK ISLAND	1	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	3
16 VALDEZ-CORDOVA	5	3	.	.	.	.	.	.	2	1	3	.	.	.	.	.	14
17 SKAGWAY	.	.	1	.	.	.	.	.	.	.	1	.	.	.	.	.	2
19 JUNEAU	1	2	.	1	.	.	.	.	2	1	.	.	.	.	.	.	7

(CONTINUED)

TABLE 3.8A

1983: SUICIDE AND HOMICIDE DEATHS BY RACE, SEX, AND RESIDENCE OF DECEDENT

	DEATH																
	HOMICIDE								SUICIDE								
	RACE OF DECEDENT								RACE OF DECEDENT								
	WHITE		NATIVE		BLACK		OTHER		WHITE		NATIVE		BLACK		OTHER		
	SEX		SEX		SEX		SEX		SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	ALL
CENSUS AREA																	
21 WRANGELL-PETER	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	.	2
23 KETCHIKAN	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
ALL	27	11	12	6	2	1	3	1	49	9	26	2	2	.	.	.	151

NOTE: 1. PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF SUICIDES AND HOMICIDES FOR 1983.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.9A

1983: SUICIDE DEATHS BY AGE, SEX, AND RESIDENCE OF DECEDENT FOR NATIVES ONLY

	AGE AT DEATH														
	10-14		15-19		20-24		25-29		30-34		35-39		40-64		
	SEX		SEX		SEX		SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	ALL
CENSUS AREA															
01 NORTH SLOPE	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1
02 KOBUK	.	.	1	.	2	1	2	.	.	.	.	.	1	.	7
03 NOME	.	.	1	.	.	.	.	.	.	.	.	.	1	.	2
04 YUKON-KOYUKUK	.	.	.	.	2	.	.	.	.	.	.	.	.	.	2
05 FAIRBANKS	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1
06 SE FAIRBANKS	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1
08 BETHEL	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1
09 DILLINGHAM	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
10 BRISTOL BAY	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1
12 MATANUSKA-SUSITNA	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
13 ANCHORAGE	.	.	.	.	.	.	3	.	.	.	2	.	.	.	5
16 VALDEZ-CORDOVA	1	.	1	.	.	.	1	.	.	.	.	.	.	.	3
17 SKAGWAY	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
21 WRANGELL-PETER	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
ALL	1	.	4	.	8	2	6	.	2	.	2	.	3	.	28

NOTE: 1. PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF SUICIDES AND HOMICIDES FOR 1983.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.10A

1983: SUICIDE DEATHS BY AGE, SEX AND RESIDENCE OF DECEDENT FOR WHITES ONLY

	AGE AT DEATH																
	10-14		15-19		20-24		25-29		30-34		35-39		40-64		65+		
	SEX		SEX		SEX		SEX		SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	ALL
CENSUS AREA																	
02 KOBUK	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1
03 NOME	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1
05 FAIRBANKS	1	.	2	.	3	.	1	.	2	.	1	.	1	.	.	.	11
09 DILLINGHAM	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1
11 ALEUTIAN ISLANDS	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
12 MATANUSKA-SUSITNA	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1	.	2
13 ANCHORAGE	.	.	1	1	1	.	3	1	3	1	4	.	9	1	1	.	26
14 KENAI PENINSULA	.	.	1	.	.	1	.	1	1	.	1	.	.	1	1	.	7
15 KODIAK ISLAND	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	2
16 VALDEZ-CORDOVA	.	.	.	.	.	.	.	1	.	.	2	.	.	.	.	.	3
19 JUNEAU	.	.	.	.	.	.	.	1	2	.	.	.	.	.	.	.	3
ALL	1	.	4	1	8	1	5	4	8	1	8	.	12	2	3	.	58

NOTE: 1. PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF SUICIDES AND HOMICIDES FOR 1983.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.11A

1983: DEATH BY TYPE OF ACCIDENT BY CENSUS AREA OF OCCURRENCE

	CENSUS AREA																								
	01 NSB	02 KOB	03 NOM	04 YUK	05 FBK	06 SEF	07 WAH	08 BET	09 DIL	10 BBB	11 ALI	12 MSB	13 ANC	14 KPB	15 KIB	16 VAC	17 SYA	18 HNS	19 JUN	20 SIT	21 WRP	22 POW	23 KET	24 OOS	ALL
CAUSE OF DEATH																									
MOTOR VEHICLE	1	.	1	3	15	2	.	2	1	.	1	15	61	8	2	4	1	1	6	2	.	.	1	8	135
WATER TRANSPORT - DROWN	.	.	.	3	.	.	.	2	.	.	5	1	3	2	2	2	1	.	.	1	.	.	3	.	25
WATER TRANSPORT - OTHER	.	.	.	.	.	.	.	.	.	.	1	.	2	.	.	.	.	.	.	.	.	.	.	.	3
NON-TRANSPORT DROWN	2	2	1	3	1	.	3	2	4	.	1	2	3	4	1	3	2	.	.	3	.	2	5	2	46
AIRCRAFT	1	3	1	.	8	.	.	3	1	.	.	1	9	3	.	8	.	.	.	.	.	.	.	1	39
POISONING	1	.	.	2	6	.	1	.	.	.	.	2	10	2	1	.	.	.	.	.	.	2	.	1	28
FALLS	.	.	.	1	1	.	.	.	1	.	1	.	6	1	.	1	.	.	.	1	2	.	.	1	16
FIRE	.	2	.	2	.	1	.	.	5	.	.	.	6	.	.	.	.	.	.	.	.	.	.	1	17
ENVIRONMENTAL COLD	.	.	.	2	1	.	1	2	.	.	1	.	.	.	.	.	.	.	1	1	1	.	.	.	10
ENVIRONMENTAL OTHER	1	.	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	5
SUFFOCATION	.	.	.	.	.	1	1	2	.	.	.	1	9	1	.	1	.	.	.	.	.	.	.	.	16
FIREARMS	1	.	2	1	1	.	1	7	2	.	.	2	.	1	.	1	.	.	.	2	.	2	.	.	23
OTHER ACCIDENT	1	.	.	4	7	3	1	1	1	1	2	2	10	16	.	.	.	.	.	.	.	.	1	.	50
ALL	8	7	8	21	40	7	8	21	15	1	12	26	119	38	6	20	4	1	7	10	4	6	10	14	413

NOTE: 1. THE NUMBER OF FIRE DEATHS MAY BE FEWER THAN LISTED BY THE DEPARTMENT OF PUBLIC SAFETY BECAUSE OF DIFFERENCES IN CLASSIFICATION. SEE ICDA MANUAL FOR CLARIFICATION.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.12A

1983: DEATH BY TYPE OF ACCIDENT BY CENSUS AREA OF RESIDENCE

	CENSUS AREA																							
	01 NSB	02 KOB	03 NOM	04 YUK	05 FBK	06 SEF	07 WAH	08 BET	09 DIL	10 BBB	11 ALI	12 MSB	13 ANC	14 KPB	15 KIB	16 VAC	17 SYA	18 HNS	19 JUN	20 SIT	21 WRP	22 POW	23 KET	ALL
CAUSE OF DEATH																								
MOTOR VEHICLE	.	1	1	2	16	1	2	3	3	.	2	17	58	7	2	6	1	1	7	2	.	.	3	135
WATER TRANSPORT - DROWN	.	.	.	3	.	.	2	2	.	.	4	1	3	2	2	1	.	.	1	1	.	.	3	25
WATER TRANSPORT - OTHER	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	1	.	.	.	.	.	.	.	3
NON-TRANSPORT - DROWN	2	2	1	1	6	.	3	7	2	.	.	2	4	3	1	.	3	.	.	1	.	2	6	46
AIRCRAFT	.	3	.	.	5	.	.	3	.	.	.	5	21	.	.	2	.	.	.	.	.	.	.	39
POISONING	.	.	.	2	6	.	1	2	.	.	.	1	10	3	1	.	.	.	.	.	.	2	.	28
FALLS	.	.	.	1	2	.	.	.	1	.	1	.	6	1	.	1	.	.	1	.	2	.	.	16
FIRE	.	2	.	2	.	.	.	1	5	.	1	.	6	.	.	.	.	.	.	.	.	.	.	17
ENVIRONMENTAL - COLD	.	.	.	2	1	.	1	2	.	.	1	.	.	.	.	.	.	.	1	1	1	.	.	10
ENVIRONMENTAL - OTHER	1	.	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	5
SUFFOCATION	.	.	.	.	.	1	1	3	.	.	.	.	10	.	.	1	.	.	.	.	.	.	.	16
FIREARMS	1	.	3	1	1	.	.	7	1	.	.	1	2	.	1	1	1	.	.	1	.	1	1	23
OTHER ACCIDENT	1	.	.	3	6	2	1	2	1	1	2	4	15	10	1	.	.	.	.	.	.	.	1	50
ALL	5	8	8	17	43	4	11	32	13	1	12	31	136	26	8	13	5	1	10	6	4	5	14	413

NOTE: 1. THE NUMBER OF FIRE DEATHS MAY BE FEWER THAN LISTED BY THE DEPARTMENT OF PUBLIC SAFETY BECAUSE OF DIFFERENCES IN CLASSIFICATION. SEE ICDA MANUAL FOR CLARIFICATION.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.13A

1979-1983: NEONATAL MORTALITY RATES BY CENSUS AREA AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE
CENSUS AREA															
01 NORTH SLOPE	4	108	37	1	104	10	1	139	7	2	150	13	4	168	24
02 KOBUK	2	142	14	.	145	.	2	142	14	2	169	12	2	200	10
03 NOME	1	149	7	2	202	10	2	180	11	3	206	15	1	229	4
04 YUKON	1	181	6	2	186	11	1	190	5	3	238	13	1	211	5
05 FAIRBANKS	9	1292	7	7	1410	5	11	1470	7	10	1674	6	6	1678	4
06 SE FBKS	1	136	7	1	142	7	.	166	.	.	155	.	.	147	.
07 WADE HAMP	1	117	9	.	120	.	1	151	7	1	152	7	.	192	.
08 BETHEL	3	304	10	4	302	13	3	330	9	5	376	13	.	401	.
09 DILLINGHAM	1	108	9	.	121	.	.	110	.	1	158	6	1	158	6
10 BRISTOL BAY	.	13	.	.	16	.	1	21	48	.	26	.	.	22	.
11 ALEUTIANS	1	115	9	1	157	6	3	163	18	1	180	6	1	184	5
12 MAT-SU	7	411	17	2	382	5	2	439	5	3	590	5	5	719	7
13 ANCHORAGE	39	3823	10	22	3936	6	30	4223	7	28	4679	6	28	5040	6
14 KENAI	6	608	10	2	598	3	6	663	9	3	795	4	7	817	9
15 KODIAK	3	320	9	2	275	7	5	289	17	1	273	4	1	324	3
16 VALDEZ-CORD	2	170	12	2	180	11	3	193	16	2	196	10	2	205	10
17 SKAGWAY	1	93	11	.	83	.	2	71	28	1	79	13	1	79	13
18 HAINES	.	32	.	.	37	.	.	37	.	.	37	.	.	47	.
19 JUNEAU	3	386	8	9	426	21	5	448	11	2	473	4	6	549	11
20 SITKA	3	177	17	.	220	.	3	183	16	.	184	.	2	170	12
21 WRANGELL-P	.	128	.	1	118	8	.	127	.	.	164	.	5	152	33

(CONTINUED)

TABLE 3.13A

1979-1983: NEONATAL MORTALITY RATES BY CENSUS AREA AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE
CENSUS AREA															
22 PR OF WALES	.	76	.	2	84	24	.	82	.	1	123	8	3	124	24
23 KETCHIKAN	2	240	8	1	246	4	1	264	4	1	269	4	1	263	4
ALASKA	90	9129	9.9	61	9490	6.4	82	10081	8.1	70	11346	6.2	77	12079	6.4
U.S.			8.87			8.48			8.02			7.62			7.27

NOTE: TDTH = TOTAL NEONATAL DEATHS
TBTH = TOTAL BIRTHS
RATE PER 1000 BIRTHS

TABLE 3.14A

1979-1983: INFANT MORTALITY RATES BY CENSUS AREA AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE
CENSUS AREA															
01 NORTH SLOPE	5	108	46	3	104	29	2	139	14	4	150	27	4	168	24
02 KOBUK	4	142	28	3	145	21	3	142	21	5	169	30	6	200	30
03 NOME	5	149	34	4	202	20	3	180	17	6	206	29	3	229	13
04 YUKON	4	181	22	5	186	27	1	190	5	4	238	17	4	211	19
05 FAIRBANKS	13	1292	10	14	1410	10	19	1470	13	17	1674	10	21	1678	13
06 SE FBKS	2	136	15	1	142	7	.	166	.	3	155	19	3	147	20
07 WADE HAMP	6	117	51	.	120	.	1	151	7	3	152	20	2	192	10
08 BETHEL	4	304	13	8	302	26	5	330	15	8	376	21	5	401	12
09 DILLINGHAM	2	108	19	.	121	.	1	110	9	1	158	6	3	158	19
10 BRISTOL BAY	.	13	.	.	16	.	1	21	48	1	26	38	.	22	.
11 ALEUTIANS	2	115	17	1	157	6	5	163	31	1	180	6	2	184	11
12 MAT-SU	10	411	24	2	382	5	3	439	7	6	590	10	11	719	15
13 ANCHORAGE	56	3823	15	41	3936	10	49	4223	12	42	4679	9	44	5040	9
14 KENAI	8	608	13	3	598	5	9	663	14	6	795	8	7	817	9
15 KODIAK	3	320	9	5	275	18	6	289	21	3	273	11	3	324	9
16 VALDEZ-CORD	2	170	12	4	180	22	4	193	21	4	196	20	3	205	15
17 SKAGWAY	1	93	11	2	83	24	3	71	42	2	79	25	2	79	25
18 HAINES	.	32	.	.	37	.	.	37	.	.	37	.	.	47	.
19 JUNEAU	7	386	18	11	426	26	7	448	16	2	473	4	10	549	18
20 SITKA	5	177	28	1	220	5	3	183	16	.	184	.	2	170	12

(CONTINUED)

TABLE 3.14A

1979-1983: INFANT MORTALITY RATES BY CENSUS AREA AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE
CENSUS AREA															
21 WRANGELL-P	2	128	16	4	118	34	.	127	.	.	164	.	5	152	33
22 PR OF WALES	1	76	13	2	84	24	.	82	.	3	123	24	3	124	24
23 KETCHIKAN	5	240	21	4	246	16	3	264	11	2	269	7	4	263	15
ALASKA	147	9129	16.1	118	9490	12.4	128	10081	12.6	123	11346	10.8	147	12079	12.2
U.S.			13.1			12.6			11.9			11.2			10.9

NOTE: TDTH = TOTAL INFANT DEATHS
TBTH = TOTAL BIRTHS
RATE PER 1000 BIRTHS

TABLE 3.15A

1983: NEONATAL AND POST-NEONATAL MORTALITY RATES BY RACE AND RESIDENCE OF CHILD

	AGE															
	< 28 DAYS								28 DAYS - 11 MONTHS							
	RACE								RACE							
	WHITE		NATIVE		BLACK		OTHER		WHITE		NATIVE		BLACK		OTHER	
	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE
CENSUS AREA																
01 N SLOPE	.	.	4	27.03	.	.	.	.	.	.	.	.	.	.	.	.
02 KOBUK	.	.	2	11.05	.	.	.	.	.	.	4	22.10	.	.	.	.
03 NOME	.	.	1	5.13	.	.	.	.	.	.	2	10.26	.	.	.	.
04 YUKON	.	.	1	6.80	.	.	.	.	.	.	3	20.41	.	.	.	.
05 FAIRBANKS	4	2.89	1	7.46	1	9.62	.	.	12	8.68	3	22.39	.	.	.	.
06 SE FBKS	.	.	.	.	.	.	.	.	3	26.79	.	.	.	.	.	.
07 W HAMPTON	.	.	.	.	.	.	.	.	1	90.91	1	5.59	.	.	.	.
08 BETHEL	.	.	.	.	.	.	.	.	.	.	5	14.29	.	.	.	.
09 DILL_HAM	.	.	.	.	.	.	.	.	.	.	1	7.04	.	.	.	.
11 ALEUTIANS	.	.	1	15.38	.	.	.	.	.	.	1	15.38	.	.	.	.
12 MAT-SU	5	7.69	.	.	.	.	.	.	6	9.23	.	.	.	.	.	.
13 ANCHORAGE	17	4.34	4	8.33	6	16.30	1	4.72	11	2.81	1	2.08	2	5.43	1	4.72
14 KENAI	7	9.78	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15 KODIAK	1	4.83	.	.	.	.	.	.	1	4.83	1	12.82	.	.	.	.
16 VALDEZ	2	12.42	.	.	.	.	.	.	1	6.21	.	.	.	.	.	.
17 SKAGWAY	.	.	1	25.00	.	.	.	.	1	27.03	.	.	.	.	.	.

(CONTINUED)

TABLE 3.15A

1983: NEONATAL AND POST-NEONATAL MORTALITY RATES BY RACE AND RESIDENCE OF CHILD

	AGE															
	< 28 DAYS								28 DAYS - 11 MONTHS							
	RACE								RACE							
	WHITE		NATIVE		BLACK		OTHER		WHITE		NATIVE		BLACK		OTHER	
	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE
CENSUS AREA																
19 JUNEAU	5	12.05	1	11.90	.	.	.	.	3	7.23	1	11.90	.	.	.	.
20 SITKA	1	8.33	1	22.73	.	.	.	.	.	.	.	.	.	.	.	.
21 WRANGELL	3	30.61	2	40.82	.	.	.	.	.	.	.	.	.	.	.	.
22 PR WALES	1	21.74	2	27.03	.	.	.	.	.	.	.	.	.	.	.	.
23 KETCHIKAN	1	4.95	.	.	.	.	.	.	2	9.90	1	20.00	.	.	.	.
ALASKA	47	5.60	21	7.91	7	13.46	1	2.60	41	4.89	24	9.05	2	3.85	1	2.60

NOTES: 1. 1983 U.S. NEONATAL MORTALITY RATE IS 7.27
2. 1983 U.S. POST-NEONATAL MORTALITY RATE IS 3.65
3. RATE PER 1000 BIRTHS (WHERE CHILD'S RACE KNOWN)

TABLE 3.16

1979-1983: RATE OF INFANT MORTALITY FROM SELECTED CAUSES - NATIVE AND NON-NATIVE COMPARISON

	YEAR									
	1979		1980		1981		1982		1983	
	NON-NATIVE	NATIVE	NON-NATIVE	NATIVE	NON-NATIVE	NATIVE	NON-NATIVE	NATIVE	NON-NATIVE	NATIVE
SELECTED CAUSE OF DEATH										
CERTAIN GASTROINTESTINAL DISEASES	.	.	.	.	.	.	0.11	.	.	.
PNEUMONIA AND INFLUENZA	.	2.47	0.14	0.93	.	0.46	0.11	2.05	0.22	1.13
CONGENITAL ANOMALIES	3.11	3.46	1.65	2.80	2.43	2.28	2.49	2.87	2.04	3.02
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTHWEIGHT	1.41	1.48	0.27	1.40	0.77	1.37	0.34	0.82	0.11	1.13
BIRTH TRAUMA	0.42	0.49	.	0.93	0.26	0.46	.	.	.	0.38
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	0.42	.	0.14	.	0.38	.	0.57	.	0.22	.
RESPIRATORY DISTRESS SYNDROME	1.84	3.95	1.65	0.93	1.53	2.28	0.57	1.23	0.75	1.51
OTHER CONDITIONS ORIGINATING IN PERINATAL PERIOD	2.55	4.94	1.65	4.19	2.81	2.28	2.15	2.46	2.58	3.02
SUDDEN INFANT DEATH SYNDROME	2.12	4.44	2.74	5.13	1.66	4.11	1.70	2.46	3.23	4.15
ALL OTHER CAUSES	1.13	4.94	1.65	4.66	1.66	2.74	1.47	4.52	1.51	2.64
ALL	13.01	26.16	9.88	20.97	11.51	15.97	9.51	16.43	10.65	16.97

NOTE: RATE PER 1000 BIRTHS (WHERE CHILD'S RACE KNOWN)

TABLE 3.17

1979-1983: RATE OF INFANT MORTALITY FROM SELECTED CAUSES - ALASKA AND U.S. COMPARISONS

	YEAR									
	1979		1980		1981		1982		1983	
	ALASKA	U.S.	ALASKA	U.S.	ALASKA	U.S.	ALASKA	U.S.	ALASKA	U.S.
SELECTED CAUSE OF DEATH										
CERTAIN GASTROINTESTINAL DISEASES	.	.10	.	.08	.	.08	.09	.07	.	.07
PNEUMONIA AND INFLUENZA	.55	.32	.32	.28	.10	.22	.53	.20	.42	.21
CONGENITAL ANOMALIES	3.19	2.55	1.91	2.55	2.40	2.46	2.57	2.39	2.26	2.32
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTHWEIGHT	1.43	1.00	.53	1.01	.90	1.00	.44	.99	.33	.92
BIRTH TRAUMA	.44	.32	.21	.29	.30	.25	.	.15	.08	.12
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	.33	.40	.11	.41	.30	.39	.44	.40	.17	.32
RESPIRATORY DISTRESS SYNDROME	2.31	1.56	1.48	1.38	1.70	1.19	.71	1.08	.92	1.01
OTHER CONDITIONS ORIGINATING IN PERINATAL PERIOD	3.08	3.39	2.23	3.20	2.70	3.09	2.22	2.97	2.68	2.82
SUDDEN INFANT DEATH SYNDROME	2.64	1.51	3.28	1.52	2.20	1.46	1.86	1.22	3.43	1.30
ALL OTHER CAUSES	1.98	1.91	2.33	1.87	1.90	1.79	2.13	1.77	1.76	1.81
ALL	15.94	13.06	12.40	12.60	12.48	11.93	11.01	11.24	12.06	10.90

NOTE: RATE PER 1000 BIRTHS (WHERE CHILD'S RACE KNOWN)

TABLE 3.18

1983: CAUSE OF NEONATAL AND POST-NEONATAL DEATHS BY RACE OF CHILD

	AGE AT DEATH								
	< 28 DAYS				28 DAYS - 11 MONTHS				
	RACE				RACE				
	WHITE	NATIVE	BLACK	OTHER	WHITE	NATIVE	BLACK	OTHER	TOTAL
CAUSE OF DEATH									
INFECTIOUS & PARASITIC DISEASES	1	.	.	.	.	1	.	.	2
DISEASES OF THE NERVOUS SYSTEM	.	.	.	.	4	2	.	.	6
DISEASES OF THE CIRCULATORY SYSTEM	.	.	1	.	1	2	.	.	4
DISEASES OF THE RESPIRATORY SYSTEM	2	.	.	.	.	3	.	.	5
CONGENITAL ANOMALIES	15	6	2	.	2	2	.	.	27
PERINATAL ORIGIN	9	3	2	1	.	.	.	.	15
SHORT GESTATION & LOW BIRTHWEIGHT	1	3	.	.	.	.	.	.	4
BIRTH TRAUMA	.	1	.	.	.	.	.	.	1
HYPOXIA & ASPHYXIA	2	.	.	.	.	.	.	.	2
RESPIRATORY CONDITIONS	11	5	2	.	1	2	.	.	21
INFECTIONS	2	.	.	.	.	.	.	.	2
HEMORRHAGE	.	1	.	.	.	.	.	.	1
OTHER PERINATAL	3	1	.	.	.	.	.	.	4
SUDDEN DEATH - CAUSE UNKNOWN	1	.	.	.	27	11	1	1	41
ACCIDENTS	.	.	.	.	3	.	1	.	4
ALL OTHER CAUSES OF DEATH	.	1	.	.	3	1	.	.	5
TOTAL	47	21	7	1	41	24	2	1	144

TABLE 3.1B

1979-1983: RESIDENT DEATHS BY NATIVE REGIONAL CORPORATION OF OCCURRENCE

	1979	1980	1981	1982	1983	TOTAL
CORPORATION						
AHTNA INCORPORATED	8	16	13	13	20	70
ALEUT CORPORATION	23	31	31	23	28	136
ARCTIC SLOPE REG CORP	22	27	20	22	27	118
BERING STRAIT NAT CORP	40	44	49	45	34	212
BRISTOL BAY CORP	27	22	27	34	31	141
CALISTA CORPORATION	78	66	58	67	70	339
CHUGACH INCORPORATED	42	48	56	51	58	255
COOK INLET REG CORP	701	766	781	819	903	3970
DOYON LIMITED	228	234	248	269	305	1284
KONIAG INCORPORATED	43	41	37	40	35	196
NANA CORPORATION	35	30	24	35	25	149
SEALASKA CORPORATION	248	270	258	260	240	1276
OUT OF STATE	108	93	107	117	125	550
TOTAL	1603	1688	1709	1795	1901	8696

TABLE 3.2B

1979-1983: RESIDENT DEATHS BY NATIVE REGIONAL CORPORATION OF RESIDENCE

	1979	1980	1981	1982	1983	TOTAL
CORPORATION						
AHTNA INCORPORATED	14	18	18	15	12	77
ALEUT CORPORATION	21	29	29	31	29	139
ARCTIC SLOPE REG CORP	26	30	22	25	27	130
BERING STRAIT NAT CORP	48	53	61	60	49	271
BRISTOL BAY CORP	33	28	27	45	35	168
CALISTA CORPORATION	88	86	71	81	97	423
CHUGACH INCORPORATED	45	50	61	59	51	266
COOK INLET REG CORP	705	754	772	785	912	3928
DOYON LIMITED	247	258	281	302	320	1408
KONIAG INCORPORATED	49	48	51	44	46	238
NANA CORPORATION	41	39	29	44	35	188
SEALASKA CORPORATION	286	294	287	304	288	1459
TOTAL	1603	1687	1709	1795	1901	8695

NOTE: POPULATION FIGURES FOR COMPUTATION OF DEATH RATES ARE NOT AVAILABLE FOR NATIVE REGIONAL CORPORATIONS

TABLE 3.3B

1983: DEATHS BY NATIVE REGIONAL CORPORATION, RACE AND SEX OF DECEDENT

	RACE OF DECEDENT								
	WHITE		NATIVE		BLACK		OTHER		
	SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	TOTAL
NATIVE REGIONAL CORPORATION									
AHTNA INCORPORATED	6	1	5	.	.	.	.	.	12
ALEUT CORPORATION	5	.	15	9	.	.	.	.	29
ARCTIC SLOPE REG CORP	.	1	18	8	.	.	.	.	27
BERING STRAIT NAT CORP	3	.	31	15	.	.	.	.	49
BRISTOL BAY CORP	7	.	18	6	.	.	.	.	31
CALISTA CORPORATION	11	1	53	31	.	.	1	.	97
CHUGACH INCORPORATED	23	11	12	4	.	.	.	.	50
COOK INLET REG CORP	502	277	37	43	22	17	6	4	908
DOYON LIMITED	168	74	40	26	5	6	.	.	319
KONIAG INCORPORATED	25	8	5	5	1	1	1	.	46
NANA CORPORATION	4	.	16	14	.	.	.	.	34
SEALASKA CORPORATION	127	83	38	27	2	1	8	.	286
TOTAL	881	456	288	188	30	25	16	4	1888

TABLE 3.4B

1983: DEATHS BY AGE AND NATIVE REGIONAL CORPORATION OF DECEDENT

	AGE AT DEATH																	
	DAYS <28	DAYS 28+	YEARS 01-04	YEARS 05-09	YEARS 10-14	YEARS 15-19	YEARS 20-24	YEARS 25-29	YEARS 30-34	YEARS 35-39	YEARS 40-44	YEARS 45-49	YEARS 50-54	YEARS 55-59	YEARS 60-64	YEARS 65-69	YEARS 70+	TOTAL
NRC																		
AHTNA	.	.	.	.	.	2	.	.	2	2	1	2	.	1	1	.	1	12
ALEUT	1	1	.	.	.	1	4	1	2	1	.	2	3	1	2	2	8	29
ARCTIC SLOPE	4	.	.	.	.	3	3	2	3	2	.	2	.	1	1	4	2	27
BERING	1	2	1	.	.	1	2	3	3	1	1	5	4	1	4	4	16	49
BRISTOL BAY	1	2	1	1	.	3	5	.	1	3	.	3	3	.	5	1	6	35
CALISTA	.	7	.	5	.	8	11	7	7	2	2	5	7	8	5	7	16	97
CHUGACH	3	1	.	.	1	1	2	4	2	1	2	1	2	8	4	4	15	51
COOK INLET	39	22	18	11	7	31	38	48	46	43	45	53	65	73	92	80	201	912
DOYON LTD	7	20	3	2	5	10	20	18	18	16	13	13	20	28	23	28	75	319
KONIAG INC	1	2	1	.	.	1	7	2	1	2	.	3	3	4	4	5	10	46
NANA	2	4	.	.	.	1	8	2	.	.	2	1	4	2	3	2	4	35
SEALASKA	18	8	2	.	4	4	9	9	13	4	12	11	20	24	32	18	100	288
TOTAL	77	69	26	19	17	66	109	96	98	77	78	101	131	151	176	155	454	1900

TABLE 3.6B

1983: SELECTED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION OF RESIDENCE

	CORPORATION												
	AHTNA	ALEUT	ARCT	BERI	BRIST	CALIS	CHUGA	COOK	DOYON	KONI	NANA	SEALA	ALL
CAUSE OF DEATH													
TUBERCULOSIS, ALL FORMS	.	.	.	.	.	1	.	3	1	.	.	2	7
OTHER INFECTIOUS & PARASITIC DISEASES	.	.	.	.	.	3	.	8	3	.	.	4	18
CANCER-BUCCAL CAVITY & PHARYNX	.	.	.	2	.	.	.	7	.	.	.	1	10
CANCER-DIGESTIVE ORGANS & PERITONEUM	.	3	1	3	.	5	2	38	11	4	.	17	84
CANCER-RESPIRATORY SYSTEM	.	1	1	3	.	4	2	64	9	2	.	11	97
CANCER-BREAST (FEMALE)	.	.	.	.	.	.	.	21	6	.	1	2	30
CANCER-GENITAL ORGANS	1	.	.	.	.	.	.	19	4	1	.	2	27
CANCER-URINARY SYSTEM	.	.	.	.	1	2	1	3	2	.	.	3	12
CANCER-BLOOD & LYMPHATIC	.	.	.	1	.	1	1	13	5	.	.	2	23
CANCER-UNSPECIFIED SITE	.	2	2	3	1	6	.	37	14	3	1	10	79
DIABETES MELLITUS	.	.	.	.	.	.	2	14	6	.	.	4	26
ALCOHOL DEPENDENCE	.	.	.	.	.	.	.	1	4	.	1	2	8
ALCOHOL RELATED DEATHS	.	.	2	1	.	3	1	20	7	1	.	2	37
RHEUMATIC FEVER AND HEART DISEASE	.	.	.	.	.	1	.	3	1	.	.	1	6
HYPERTENSIVE DISEASE	.	.	.	.	.	.	.	3	.	.	.	.	3

(CONTINUED)

TABLE 3.6B

1983: SELECTED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION OF RESIDENCE

	CORPORATION												
	AHTNA	ALEUT	ARCT	BERI	BRIST	CALIS	CHUGA	COOK	DOYON	KONI	NANA	SEALA	ALL
CAUSE OF DEATH													
ISCHEMIC HEART DISEASE	1	4	3	8	3	2	7	124	41	6	4	51	254
CEREBROVASCULAR DISEASE	.	1	1	2	2	.	.	29	16	4	.	17	72
OTHER CIRCULATORY SYSTEM DISEASES	.	2	.	1	2	1	7	66	18	3	3	31	134
PNEUMONIA & INFLUENZA	.	1	.	3	1	3	.	15	10	1	2	7	43
OTHER RESPIRATORY SYSTEM DISEASES	.	1	2	1	1	3	3	34	9	2	1	11	68
DISEASES OF DIGESTIVE SYSTEM	.	1	1	.	.	.	1	29	10	1	.	7	50
GENITOURINARY SYSTEM DISEASES	.	.	.	1	.	1	.	5	5	1	2	2	17
CONGENITAL ANOMALIES	.	1	.	.	1	.	1	12	8	.	1	7	31
PERINATAL PERIOD CONDITIONS	.	2	3	1	.	.	2	25	2	1	2	13	51
ALL ACCIDENTS	6	12	5	8	14	43	8	192	64	8	8	45	413
SUICIDE	2	1	1	3	3	1	3	41	17	2	8	6	88
HOMICIDE	2	.	3	4	4	3	6	24	10	1	.	6	63
ALL OTHER CAUSES	.	1	2	4	2	14	4	58	36	6	1	22	150
ALL	12	33	27	49	35	97	51	908	319	47	35	288	1901

NOTE: PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF HOMICIDES AND SUICIDES FOR 1983.

TABLE 3.8B

1983: SUICIDE AND HOMICIDE DEATHS BY RACE, SEX, AND NATIVE REGIONAL CORPORATION OF DECEDENT

	DEATH																
	HOMICIDE								SUICIDE								
	RACE OF DECEDENT								RACE OF DECEDENT								
	WHITE		NATIVE		BLACK		OTHER		WHITE		NATIVE		BLACK		OTHER		
	SEX		SEX		SEX		SEX		SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	ALL
NATIVE REGIONAL CORPORATION																	
AHTNA INCORPORATED	2	.	.	.	.	.	.	.	1	.	1	.	.	.	.	.	4
ALEUT CORPORATION	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1
ARCTIC SLOPE REG CORP	.	1	1	1	.	.	.	.	.	.	1	.	.	.	.	.	4
BERING STRAIT NAT CORP	.	.	3	1	.	.	.	.	1	.	2	.	.	.	.	.	7
BRISTOL BAY CORP	.	.	3	1	.	.	.	.	1	.	2	.	.	.	.	.	7
CALISTA CORPORATION	.	.	2	1	.	.	.	.	.	.	.	1	.	.	.	.	4
CHUGACH INCORPORATED	3	3	.	.	.	.	.	.	.	1	2	.	.	.	.	.	9
COOK INLET REG CORP	15	2	1	.	2	1	2	1	28	7	6	.	.	.	.	.	65
DOYON LIMITED	5	3	1	1	.	.	.	.	12	.	4	.	1	.	.	.	27
KONIAG INCORPORATED	1	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	3
NANA CORPORATION	.	.	.	.	.	.	.	.	1	.	6	1	.	.	.	.	8
SEALASKA CORPORATION	1	2	1	1	.	.	1	.	2	1	2	.	1	.	.	.	12
ALL	27	11	12	6	2	1	3	1	49	9	26	2	2	.	.	.	151

NOTE: 1. PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF SUICIDES AND HOMICIDES FOR 1983.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.9B

1983: SUICIDE DEATHS BY AGE, SEX, AND NATIVE REGIONAL CORPORATION OF RESIDENCE FOR NATIVES ONLY

	AGE AT DEATH														
	10-14		15-19		20-24		25-29		30-34		35-39		40-64		
	SEX		SEX		SEX		SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	ALL
NATIVE REGIONAL CORPORATION															
AHTNA INCORPORATED	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1
ARCTIC SLOPE REG CORP	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1
BERING STRAIT NAT CORP	.	.	1	.	.	.	.	.	.	.	.	.	1	.	2
BRISTOL BAY CORP	.	.	.	.	1	.	.	.	.	.	.	.	1	.	2
CALISTA CORPORATION	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1
CHUGACH INCORPORATED	1	.	.	.	.	.	1	.	.	.	.	.	.	.	2
COOK INLET REG CORP	.	.	.	.	1	.	3	.	.	.	2	.	.	.	6
DOYON LIMITED	.	.	1	.	2	.	.	.	1	.	.	.	.	.	4
NANA CORPORATION	.	.	1	.	2	1	2	.	.	.	.	.	1	.	7
SEALASKA CORPORATION	.	.	.	.	2	.	.	.	.	.	.	.	.	.	2
ALL	1	.	4	.	8	2	6	.	2	.	2	.	3	.	28

NOTE: 1. PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF SUICIDES AND HOMICIDES FOR 1983.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.10B

1983: SUICIDE DEATHS BY AGE, SEX AND NATIVE REGIONAL CORPORATION OF RESIDENCE FOR WHITES ONLY

	AGE AT DEATH																
	10-14		15-19		20-24		25-29		30-34		35-39		40-64		65+		
	SEX		SEX		SEX		SEX		SEX		SEX		SEX		SEX		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	ALL
NATIVE REGIONAL CORPORATION																	
AHTNA INCORPORATED	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1
ALEUT CORPORATION	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
BERING STRAIT NAT CORP	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1
BRISTOL BAY CORP	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1
CHUGACH INCORPORATED	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1
COOK INLET REG CORP	.	.	2	1	2	1	3	2	4	1	5	.	9	2	3	.	35
DOYON LIMITED	1	.	2	.	3	.	1	.	2	.	2	.	1	.	.	.	12
KONIAG INCORPORATED	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	2
NANA CORPORATION	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1
SEALASKA CORPORATION	.	.	.	.	.	.	.	1	2	.	.	.	.	.	.	.	3
ALL	1	.	4	1	8	1	5	4	8	1	8	.	12	2	3	.	58

NOTE: 1. PLEASE SEE NOTE ON P. 14 IN OVERVIEW REGARDING INCREASED NUMBER OF SUICIDES AND HOMICIDES FOR 1983.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.11B

1983: DEATH BY TYPE OF ACCIDENT BY NATIVE REGIONAL CORPORATION OF OCCURRENCE

	NATIVE REGIONAL CORPORATION													
	AHTNA	ALEUT	ARCT	BERI	BRIST	CALIS	CHUGA	COOK	DOYON	KONI	NANA	SEALA	OOS	ALL
CAUSE OF DEATH														
MOTOR VEHICLE	3	1	1	1	1	2	6	79	20	2	.	11	8	135
WATER TRANSPORT - DROWN	.	5	.	.	.	2	2	6	3	2	.	5	.	25
WATER TRANSPORT - OTHER	.	1	.	.	.	.	.	2	.	.	.	.	.	3
NON-TRANSPORT DROWN	3	1	2	1	4	6	2	6	4	1	2	12	2	46
AIRCRAFT	5	.	1	1	1	3	3	13	8	.	3	.	1	39
POISONING	.	.	1	.	.	1	1	13	8	1	.	2	1	28
FALLS	.	1	.	.	1	.	1	7	2	.	.	3	1	16
FIRE	.	.	.	.	5	.	.	6	3	.	2	.	1	17
ENVIRONMENTAL COLD	.	1	.	.	.	3	.	.	3	.	.	3	.	10
ENVIRONMENTAL OTHER	.	.	1	3	.	.	.	.	.	.	.	1	.	5
SUFFOCATION	1	.	.	.	.	3	1	10	1	.	.	.	.	16
FIREARMS	1	.	1	2	2	8	1	2	2	.	.	4	.	23
OTHER ACCIDENT	.	2	1	.	2	2	3	25	14	.	.	1	.	50
ALL	13	12	8	8	16	30	20	169	68	6	7	42	14	413

NOTE: 1. THE NUMBER OF FIRE DEATHS MAY BE FEWER THAN LISTED BY THE DEPARTMENT OF PUBLIC SAFETY BECAUSE OF DIFFERENCES IN CLASSIFICATION. SEE ICDA MANUAL FOR CLARIFICATION.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.12B

1983: DEATHS BY TYPE OF ACCIDENT BY NATIVE REGIONAL CORPORATION OF RESIDENCE

	NATIVE REGIONAL CORPORATION												
	AHTNA	ALEUT	ARCT	BERI	BRIST	CALIS	CHUGA	COOK	DOYON	KONI	NANA	SEALA	ALL
CAUSE OF DEATH													
MOTOR VEHICLE	4	2	.	1	3	5	2	82	19	2	1	14	135
WATER TRANSPORT - DROWN	.	4	.	.	.	4	1	6	3	2	.	5	25
WATER TRANSPORT - OTHER	.	1	.	.	.	.	1	1	.	.	.	.	3
NON-TRANSPORT - DROWN	.	.	2	1	2	10	1	8	7	1	2	12	46
AIRCRAFT	.	.	.	.	.	3	2	26	5	.	3	.	39
POISONING	.	.	.	.	.	3	.	14	8	1	.	2	28
FALLS	.	1	.	.	1	.	1	7	3	.	.	3	16
FIRE	.	1	.	.	5	1	.	6	2	.	2	.	17
ENVIRONMENTAL - COLD	.	1	.	.	.	3	.	.	3	.	.	3	10
ENVIRONMENTAL - OTHER	.	.	1	3	.	.	.	.	.	.	.	1	5
SUFFOCATION	1	.	.	.	.	4	.	10	1	.	.	.	16
FIREARMS	1	.	1	3	1	7	.	3	2	1	.	4	23
OTHER ACCIDENT	.	2	1	.	2	3	.	29	11	1	.	1	50
ALL	6	12	5	8	14	43	8	192	64	8	8	45	413

NOTE: 1. THE NUMBER OF FIRE DEATHS MAY BE FEWER THAN LISTED BY THE DEPARTMENT OF PUBLIC SAFETY BECAUSE OF DIFFERENCES IN CLASSIFICATION. SEE ICDA MANUAL FOR CLARIFICATION.

2. THIS TABLE DOES NOT INCLUDE ICDA CODES 980-989, INJURIES UNDETERMINED WHETHER ACCIDENTALLY OR INTENTIONALLY INFLICTED. IN 1983 THERE WERE 11 DEATHS SO CLASSIFIED.

TABLE 3.13B

1979-1983: NEONATAL MORTALITY RATES BY NATIVE REGIONAL CORPORATION AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE
NATIVE REGIONAL CORPORATION															
AHTNA INC	1	54	19	1	55	18	1	56	18	.	66	.	.	58	.
ALEUT CORP	1	115	9	1	157	6	3	163	18	1	180	6	1	184	5
ARCTIC SLOPE	4	102	39	1	102	10	1	135	7	2	142	14	4	155	26
BERING STRAIT	1	149	7	2	202	10	2	180	11	3	206	15	1	229	4
BRISTOL BAY	1	121	8	.	137	.	1	131	8	1	184	5	1	180	6
CALISTA CORP	4	421	10	4	422	9	4	481	8	6	528	11	.	593	.
CHUGACH INC	1	167	6	1	176	6	3	209	14	2	205	10	3	228	13
COOK INLET	52	4791	11	26	4864	5	37	5253	7	34	5989	6	39	6495	6
DOYON LIMITED	11	1611	7	10	1739	6	12	1829	7	13	2074	6	7	2044	3
KONIAG INC	3	320	9	2	275	7	5	289	17	1	273	4	1	324	3
NANA CORP	2	142	14	.	145	.	2	142	14	2	169	12	2	200	10
SEALASKA CORP	9	1136	8	13	1216	11	11	1213	9	5	1330	4	18	1389	13
ALASKA	90	9129	9.9	61	9490	6.4	82	10081	8.1	70	11346	6.2	77	12079	6.4
U.S.			8.87			8.48			8.02			7.62			7.27

NOTE: TDTH = TOTAL NEONATAL DEATHS
TBTH = TOTAL BIRTHS
RATE PER 1000 BIRTHS

TABLE 3.14B

1979-1983: INFANT MORTALITY RATES BY NATIVE REGIONAL CORPORATION AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
NATIVE REGIONAL CORPORATION	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE	TDTH	TBTH	RATE
AHTNA INC	1	54	19	3	55	55	1	56	18	1	66	15	.	58	.
ALEUT CORP	2	115	17	1	157	6	5	163	31	1	180	6	2	184	11
ARCTIC SLOPE	5	102	49	3	102	29	2	135	15	3	142	21	4	155	26
BERING STRAIT	5	149	34	4	202	20	3	180	17	6	206	29	3	229	13
BRISTOL BAY	2	121	17	.	137	.	2	131	15	2	184	11	3	180	17
CALISTA CORP	10	421	24	8	422	19	6	481	12	11	528	21	7	593	12
CHUGACH INC	1	167	6	1	176	6	4	209	19	4	205	20	4	228	18
COOK INLET	74	4791	15	46	4864	9	60	5253	11	53	5989	9	61	6495	9
DOYON LIMITED	19	1611	12	20	1739	12	20	1829	11	25	2074	12	28	2044	14
KONIAG INC	3	320	9	5	275	18	6	289	21	3	273	11	3	324	9
NANA CORP	4	142	28	3	145	21	3	142	21	5	169	30	6	200	30
SEALASKA CORP	21	1136	18	24	1216	20	16	1213	13	9	1330	7	26	1389	19
ALASKA	147	9129	16.1	118	9490	12.4	128	10081	12.6	123	11346	10.8	147	12079	12.2
U.S.			13.1			12.6			11.9			11.2			10.9

NOTE: TDTH = TOTAL INFANT DEATHS (INCLUDES NEONATAL DEATHS)
TBTH = TOTAL BIRTHS
RATE PER 1000 BIRTHS

TABLE 3.15B

1983: NEONATAL AND POST-NEONATAL MORTALITY RATES BY RACE, AND NATIVE REGIONAL CORPORATION OF CHILD

	AGE															
	< 28 DAYS								28 DAYS - 11 MONTHS							
	RACE								RACE							
	WHITE		NATIVE		BLACK		OTHER		WHITE		NATIVE		BLACK		OTHER	
NATIVE REGIONAL CORP	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE	TDTH	RATE
ALEUT	.	.	1	15.38	.	.	.	.	.	.	1	15.38	.	.	.	.
ARCTIC SLOPE	.	.	4	29.41	.	.	.	.	.	.	.	.	.	.	.	.
BERING	.	.	1	5.13	.	.	.	.	.	.	2	10.26	.	.	.	.
BRISTOL BAY	.	.	.	.	.	.	.	.	.	.	1	6.33	.	.	.	.
CALISTA	.	.	.	.	.	.	.	.	1	17.54	6	11.34	.	.	.	.
CHUGACH	3	17.54	.	.	.	.	.	.	1	5.85	.	.	.	.	.	.
COOK INLET	28	5.36	4	6.86	6	15.92	1	4.37	17	3.25	1	1.72	2	5.31	1	4.37
DOYON LTD	4	2.57	2	6.39	1	8.93	.	.	15	9.65	6	19.17	.	.	.	.
KONIAG INC	1	4.83	.	.	.	.	.	.	1	4.83	1	12.82	.	.	.	.
NANA	.	.	2	11.05	.	.	.	.	.	.	4	22.10	.	.	.	.
SEALASKA	11	11.53	7	19.72	.	.	.	.	6	6.29	2	5.63	.	.	.	.
ALASKA	47	5.60	21	7.91	7	13.46	1	2.60	41	4.89	24	9.05	2	3.85	1	2.60

NOTES: 1. 1983 U.S. NEONATAL MORTALITY RATE IS 7.27
2. 1983 U.S. POST-NEONATAL MORTALITY RATE IS 3.65
3. RATE PER 1000 BIRTHS (WHERE CHILD'S RACE KNOWN)

TABLE 4.1A

1983: MARRIAGES BY CENSUS AREA OF OCCURRENCE AND MONTH

CENSUS AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
01 NORTH SLOPE	1	4	2	2	2	7	4	3	4	5	4	8	46
02 KOBUK	2	1	3	2	3	2	6	4	4	2	4	11	44
03 NOME	4	2	4	4	3	8	7	5	1	3	2	5	48
04 YUKON-KOYUKUK	1	6	3	3	6	3	8	10	11	2	4	3	60
05 FAIRBANKS	54	54	71	58	84	102	106	109	113	70	46	103	970
06 SE FAIRBANKS	4	7	3	4	8	9	2	9	3	10	8	5	72
07 WADE HAMPTON	3	.	1	4	4	2	2	3	.	4	4	5	32
08 BETHEL	8	10	8	4	6	13	10	11	12	7	10	12	111
09 DILLINGHAM	1	1	.	2	3	2	7	6	5	5	3	5	40
10 BRISTOL BAY	.	.	1	.	1	1	3	.	1	1	2	.	10
11 ALEUTIAN ISLANDS	7	12	4	10	8	9	5	6	10	5	6	7	89
12 MATANUSKA-SUSITNA	14	23	23	18	23	32	44	47	23	28	19	44	338
13 ANCHORAGE	211	247	224	257	258	341	332	352	266	244	231	323	3286
14 KENAI PENINSULA	17	29	28	35	40	48	57	55	41	26	31	48	455
15 KODIAK ISLAND	13	9	5	17	10	9	12	20	20	15	6	13	149
16 VALDEZ-CORDOVA	5	5	8	6	7	12	11	20	8	17	13	10	122
17 SKAGWAY	.	.	2	1	6	6	5	4	4	3	2	5	38
18 HAINES	1	1	4	2	2	.	1	1	1	2	1	.	16
19 JUNEAU	17	24	15	30	24	36	33	36	25	26	16	25	307
20 SITKA	5	3	7	8	4	16	9	9	6	7	8	11	93
21 WRANGELL-PETER	8	5	7	.	7	7	10	3	4	9	5	5	70
22 PRINCE OF WALES	1	.	1	4	2	3	2	1	3	5	1	4	27
23 KETCHIKAN	9	15	7	17	10	13	18	18	12	12	11	12	154
TOTAL	386	458	431	488	521	681	694	732	577	508	437	664	6577

TABLE 4.2A

1979-1983: MARRIAGE RATES BY CENSUS AREA OF OCCURRENCE AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TMRG	POP	RATE	TMRG	POP	RATE	TMRG	POP	RATE	TMRG	POP	RATE	TMRG	POP	RATE
CENSUS AREA															
01 NORTH SLOPE	33	4500	7	35	4600	8	40	4700	9	56	4800	12	46	5168	9
02 KOBUK	37	4800	8	31	4900	6	40	5000	8	31	5100	6	44	5759	8
03 NOME	56	6700	8	50	6900	7	63	7300	9	64	7500	9	48	7661	6
04 YUKON	52	7600	7	62	7700	8	56	7800	7	72	7900	9	60	8635	7
05 FAIRBANKS	723	57700	13	770	57800	13	855	58300	15	972	59200	16	970	64810	15
06 SE FBKS	81	5800	14	56	5900	9	58	6000	10	83	6100	14	72	6516	11
07 WADE HAMP	16	4600	3	12	4700	3	18	4800	4	24	4800	5	32	5294	6
08 BETHEL	80	10700	7	83	11000	8	91	11100	8	97	11300	9	111	12232	9
09 DILLINGHAM	24	4600	5	44	4700	9	37	4700	8	44	4700	9	40	5623	7
10 BRISTOL BAY	13	1100	12	16	1200	13	21	1200	17	12	1300	9	10	1275	8
11 ALEUTIANS	71	8000	9	84	8100	10	75	8300	9	96	8500	11	89	8496	10
12 MAT-SU	205	18400	11	233	20200	12	258	23300	11	301	25200	12	338	29849	11
13 ANCHORAGE	2361	180200	13	2515	179000	14	2703	184700	15	3117	200500	16	3286	227070	14
14 KENAI	331	25800	13	371	27600	13	385	29500	13	395	32500	12	455	34890	13
15 KODIAK	164	10600	15	136	11000	12	149	11700	13	153	12700	12	149	12896	12
16 VALDEZ-CORD	93	8900	10	108	9100	12	115	9300	12	102	9500	11	122	9722	13
17 SKAGWAY	39	3300	12	37	3400	11	35	3500	10	46	3600	13	38	3711	10
18 HAINES	16	1700	9	21	1700	12	27	1800	15	23	1900	12	16	1915	8
19 JUNEAU	233	18900	12	289	19800	15	295	21100	14	341	22000	15	306	25964	12
20 SITKA	104	7700	14	118	7800	15	121	8000	15	94	8200	11	93	8194	11

(CONTINUED)

TABLE 4.2A

1979-1983: MARRIAGE RATES BY CENSUS AREA OF OCCURRENCE AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TMRG	POP	RATE	TMRG	POP	RATE	TMRG	POP	RATE	TMRG	POP	RATE	TMRG	POP	RATE
CENSUS AREA															
21 WRANGELL-P	70	6100	11	79	6300	13	81	6500	12	84	6700	13	70	6869	10
22 PR OF WALES	23	4200	5	37	4300	9	28	4400	6	38	4400	9	27	5293	5
23 KETCHIKAN	165	11800	14	174	12000	14	180	12200	15	177	12400	14	156	12712	12
ALASKA	4990	413700	12.1	5361	419700	12.8	5731	435200	13.2	6422	460800	13.9	6578	510554	12.9
U.S.			10.4			10.6			10.6			10.8			10.5

NOTE: TMRG = TOTAL MARRIAGES
POP = ESTIMATED POPULATION
RATE PER 1000 POPULATION

TABLE 4.1B

1983: MARRIAGES BY NATIVE REGIONAL CORPORATION OF OCCURRENCE AND MONTH

NATIVE REGIONAL CORPORATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
AHTNA INCORPORATED	.	.	3	2	2	3	3	5	3	2	4	3	30
ALEUT CORPORATION	7	12	4	10	8	9	5	6	10	5	6	7	89
ARCTIC SLOPE REG CORP	1	4	2	2	2	7	4	3	4	5	3	8	45
BERING STRAIT NAT CORP	4	2	4	4	3	8	7	5	1	3	2	5	48
BRISTOL BAY CORP	1	1	1	2	4	3	10	6	6	6	5	5	50
CALISTA CORPORATION	11	10	9	8	10	15	12	14	12	11	14	17	143
CHUGACH INCORPORATED	10	9	8	7	8	12	17	21	10	17	13	10	142
COOK INLET REG CORP	237	294	272	307	318	418	424	448	325	296	277	412	4028
DOYON LIMITED	59	67	77	65	98	114	116	128	127	82	58	111	1102
KONIAG INCORPORATED	13	9	5	17	10	9	12	20	20	15	6	13	149
NANA CORPORATION	2	1	3	2	3	2	6	4	4	2	4	11	44
SEALASKA CORPORATION	41	49	43	62	55	81	78	72	55	64	45	62	707
TOTAL	386	458	431	488	521	681	694	732	577	508	437	664	6577

TABLE 4.2B

1979-1983: MARRIAGES BY NATIVE REGIONAL CORPORATION OF OCCURRENCE AND YEAR

	1979	1980	1981	1982	1983	TOTAL
NRC						
AHTNA INCORPORATED	29	33	33	17	30	142
ALEUT CORPORATION	71	84	75	96	89	415
ARCTIC SLOPE REG CORP	32	34	37	54	45	202
BERING STRAIT NAT CORP	56	50	63	64	48	281
BRISTOL BAY CORP	37	60	58	56	50	261
CALISTA CORPORATION	96	95	109	121	143	564
CHUGACH INCORPORATED	104	116	139	131	142	632
COOK INLET REG CORP	2850	3073	3285	3764	4028	17000
DOYON LIMITED	856	889	970	1129	1102	4946
KONIAG INCORPORATED	164	136	149	153	149	751
NANA CORPORATION	37	31	40	31	44	183
SEALASKA CORPORATION	658	760	773	806	708	3705
TOTAL	4990	5361	5731	6422	6578	29082

NOTE: POPULATION FIGURES FOR COMPUTATION OF MARRIAGE RATES ARE NOT AVAILABLE FOR NATIVE REGIONAL CORPORATIONS

TABLE 5.1A

1983: DIVORCES BY CENSUS AREA OF OCCURRENCE AND MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
CENSUS AREA													
01 NORTH SLOPE	.	1	.	.	.	.	.	.	.	.	1	.	2
02 KOBUK	3	2	2	3	1	2	3	2	.	.	3	2	23
03 NOME	.	5	1	3	7	2	1	3	4	3	2	2	33
05 FAIRBANKS	52	38	66	67	64	71	66	69	67	61	54	63	738
06 SE FAIRBANKS	.	.	.	.	.	.	.	.	.	.	.	2	2
08 BETHEL	3	4	4	1	2	8	2	2	3	4	1	.	34
09 DILLINGHAM	.	.	.	.	.	.	.	.	.	2	.	.	2
10 BRISTOL BAY	.	.	.	.	.	.	.	1	.	.	.	.	1
11 ALEUTIAN ISLANDS	.	.	.	.	1	1	.	.	.	.	.	.	2
12 MATANUSKA-SUSITNA	19	4	12	23	21	12	7	23	19	15	6	13	174
13 ANCHORAGE	181	178	170	206	211	168	163	206	172	142	122	147	2066
14 KENAI PENINSULA	20	15	14	23	19	20	15	17	8	24	19	14	208
15 KODIAK ISLAND	6	6	10	7	8	10	8	12	7	11	10	4	99
16 VALDEZ-CORDOVA	6	2	1	3	5	3	6	2	3	3	4	4	42
19 JUNEAU	22	18	17	29	26	14	32	10	25	19	20	21	253
20 SITKA	3	8	7	8	1	8	4	7	6	7	2	8	69
21 WRANGELL-PETER	4	.	3	2	6	2	4	4	4	4	2	1	36
23 KETCHIKAN	7	9	11	16	12	15	15	13	13	21	8	13	153
TOTAL	326	290	318	391	384	336	326	371	331	316	254	294	3937

TABLE 5.2A

1979-1983: DIVORCE RATES BY CENSUS AREA BY YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TDIV	POP	RATE	TDIV	POP	RATE	TDIV	POP	RATE	TDIV	POP	RATE	TDIV	POP	RATE
CENSUS AREA															
01 NORTH SLOPE	12	4500	3	11	4600	2	4	4700	1	2	4800	0	2	5168	0
02 KOBUK	.	4800	.	1	4900	0	3	5000	1	11	5100	2	23	5759	4
03 NOME	33	6700	5	34	6900	5	30	7300	4	26	7500	3	33	7661	4
04 YUKON	.	7600	.	.	7700	.	.	7800	.	.	7900	.	.	8635	.
05 FAIRBANKS	694	57700	12	655	57800	11	597	58300	10	660	59200	11	739	64810	11
06 SE FBKS	.	5800	.	1	5900	0	.	6000	.	3	6100	0	2	6516	0
07 WADE HAMP	.	4600	.	.	4700	.	.	4800	.	.	4800	.	.	5294	.
08 BETHEL	22	10700	2	25	11000	2	30	11100	3	29	11300	3	34	12232	3
09 DILLINGHAM	1	4600	0	.	4700	.	2	4700	0	4	4700	1	2	5623	0
10 BRISTOL BAY	.	1100	.	.	1200	.	.	1200	.	1	1300	1	1	1275	1
11 ALEUTIANS	.	8000	.	.	8100	.	1	8300	0	14	8500	2	2	8496	0
12 MAT-SU	.	18400	.	.	20200	.	1	23300	0	25	25200	1	174	29849	6
13 ANCHORAGE	1970	180200	11	2019	179000	11	1894	184700	10	1949	200500	10	2064	227070	9
14 KENAI	138	25800	5	179	27600	6	180	29500	6	204	32500	6	207	34890	6
15 KODIAK	130	10600	12	114	11000	10	106	11700	9	99	12700	8	99	12896	8
16 VALDEZ-CORD	39	8900	4	46	9100	5	52	9300	6	55	9500	6	42	9722	4
17 SKAGWAY	.	3300	.	.	3400	.	2	3500	1	.	3600	.	.	3711	.
18 HAINES	.	1700	.	.	1700	.	.	1800	.	.	1900	.	.	1915	.
19 JUNEAU	217	18900	11	218	19800	11	232	21100	11	245	22000	11	253	25964	10
20 SITKA	74	7700	10	64	7800	8	68	8000	8	51	8200	6	69	8194	8
21 WRANGELL-P	.	6100	.	.	6300	.	1	6500	0	15	6700	2	36	6869	5

(CONTINUED)

TABLE 5.2A

1979-1983: DIVORCE RATES BY CENSUS AREA BY YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TDIV	POP	RATE	TDIV	POP	RATE	TDIV	POP	RATE	TDIV	POP	RATE	TDIV	POP	RATE
CENSUS AREA															
22 PR OF WALES	.	4200	.	.	4300	.	.	4400	.	.	4400	.	.	5293	.
23 KETCHIKAN	153	11800	13	154	12000	13	249	12200	20	122	12400	10	153	12712	12
ALASKA	3483	413700	8.4	3521	419700	8.4	3452	435200	8.0	3515	460800	7.6	3935	510554	7.7
U.S.			5.3			5.2			5.3			5.1			5.0

NOTE: TDIV = TOTAL DIVORCES
POP = ESTIMATED POPULATION
RATE PER 1000 POPULATION

TABLE 5.1B

1983: DIVORCES BY NATIVE REGIONAL CORPORATION OF OCCURRENCE AND MONTH

NATIVE REGIONAL CORPORATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
AHTNA INCORPORATED	3	1	.	.	.	1	1	.	.	.	1	1	8
ALEUT CORPORATION	.	.	.	.	1	1	.	.	.	.	.	.	2
ARCTIC SLOPE REG CORP	.	1	.	.	.	.	.	.	.	.	1	.	2
BERING STRAIT NAT CORP	.	5	1	3	7	2	1	3	4	3	2	2	33
BRISTOL BAY CORP	.	.	.	.	.	.	.	1	.	2	.	.	3
CALISTA CORPORATION	3	4	4	1	2	8	2	2	3	4	1	.	34
CHUGACH INCORPORATED	3	1	1	3	5	2	5	2	3	3	3	3	34
COOK INLET REG CORP	220	197	196	252	251	200	185	246	199	181	147	174	2448
DOYON LIMITED	52	38	66	67	64	71	66	69	67	61	54	65	740
KONIAG INCORPORATED	6	6	10	7	8	10	8	12	7	11	10	4	99
NANA CORPORATION	3	2	2	3	1	2	3	2	.	.	3	2	23
SEALASKA CORPORATION	36	35	38	55	45	39	55	34	48	51	32	43	511
TOTAL	326	290	318	391	384	336	326	371	331	316	254	294	3937

TABLE 5.2B

1979-1983: DIVORCES BY NATIVE REGIONAL CORPORATION OF OCCURRENCE AND YEAR

	YEAR					
	1979	1980	1981	1982	1983	TOTAL
NRC						
AHTNA INCORPORATED	5	7	10	10	8	40
ALEUT CORPORATION	.	.	1	14	2	17
ARCTIC SLOPE REG CORP	12	11	4	2	2	31
BERING STRAIT NAT CORP	33	34	30	26	33	156
BRISTOL BAY CORP	1	.	2	5	3	11
CALISTA CORPORATION	22	25	30	29	34	140
CHUGACH INCORPORATED	34	39	42	49	34	198
COOK INLET REG CORP	2108	2198	2075	2174	2445	11000
DOYON LIMITED	694	656	597	663	741	3351
KONIAG INCORPORATED	130	114	106	99	99	548
NANA CORPORATION	.	1	3	11	23	38
SEALASKA CORPORATION	444	436	552	433	511	2376
TOTAL	3483	3521	3452	3515	3935	17906

NOTE: POPULATION FIGURES FOR COMPUTATION OF DIVORCE RATES ARE NOT AVAILABLE FOR NATIVE REGIONAL CORPORATIONS

TABLE 6.1A

1983: ADOPTIONS BY CENSUS AREA OF OCCURRENCE, AGE, AND RACE

	AGE																			
	< 1 YR				01-04 YRS				05-10 YRS				10-20 YRS				20 + YRS			
	RACE				RACE				RACE				RACE				RACE			
CENSUS AREA	BLK	NAT	OTH	WHT	BLK	NAT	OTH	WHT	BLK	NAT	OTH	WHT	BLK	NAT	OTH	WHT	BLK	NAT	OTH	WHT
01 N SLOPE	.	3	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.
02 KOBUK	.	9	.	.	.	22	.	.	.	4	1	.	.	3	.	.	.	.	.	.
03 NOME	.	6	.	.	.	5	.	.	.	9	.	.	.	1	.	.	.	.	.	.
05 FAIRBANKS	3	9	3	13	.	9	3	28	6	8	1	35	2	1	3	34	.	.	.	2
08 BETHEL	.	5	.	1	.	6	.	.	.	2	.	.	.	.	.	.	.	.	.	.
09 DILL_HAM	.	.	.	.	.	1	.	.	.	1	.	.	.	.	.	.	.	.	.	.
11 ALEUTIANS	.	.	.	.	.	1	.	.	.	.	.	2	.	.	.	.	.	.	.	.
12 MAT-SU	.	.	.	.	.	.	.	5	.	.	1	8	.	.	.	9	.	.	.	.
13 ANCHORAGE	1	16	4	35	10	11	8	71	7	14	6	125	8	10	2	98	.	.	2	1
14 KENAI	.	1	.	3	.	3	1	3	.	.	.	11	.	.	.	8	.	.	.	1
15 KODIAK	.	3	.	3	.	1	1	2	.	4	2	5	.	3	3	4	.	.	.	.
16 VALDEZ	.	.	.	.	.	.	.	3	.	.	.	3	.	2	.	2	.	.	.	.
19 JUNEAU	.	4	.	.	.	.	.	3	1	1	.	13	.	4	.	4	.	.	.	.
20 SITKA	.	1	.	1	.	2	2	2	.	3	.	7	.	2	.	4	.	.	.	.
21 WRANGELL	.	.	1	.	.	.	.	1	.	1	.	.	.	.	.	1	.	.	.	.
23 KETCHIKAN	.	2	.	2	.	6	3	1	.	6	.	2	.	1	.	5	.	.	.	.
ALL	4	59	8	58	10	67	18	119	14	54	11	211	10	27	8	169	.	.	2	4

TABLE 6.2

1979-1983: ADOPTION RATES BY CENSUS AREA OF OCCURRENCE AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TADP	POP	RATE	TADP	POP	RATE	TADP	POP	RATE	TADP	POP	RATE	TADP	POP	RATE
CENSUS AREA															
01 NORTH SLOPE	11.00	4500	2.44	10.00	4600	2.17	11.00	4700	2.34	13.00	4800	2.71	4.00	5168	0.77
02 KOBUK	.	4800	.	1.00	4900	0.20	7.00	5000	1.40	15.00	5100	2.94	39.00	5759	6.77
03 NOME	15.00	6700	2.24	26.00	6900	3.77	23.00	7300	3.15	21.00	7500	2.80	21.00	7661	2.74
04 YUKON	.	7600	.	.	7700	.	.	7800	.	.	7900	.	.	8635	.
05 FAIRBANKS	133.00	57700	2.31	125.00	57800	2.16	122.00	58300	2.09	121.00	59200	2.04	178.00	64810	2.75
06 SE FBKS	.	5800	.	.	5900	.	.	6000	.	.	6100	.	.	6516	.
07 WADE HAMP	.	4600	.	.	4700	.	.	4800	.	.	4800	.	.	5294	.
08 BETHEL	28.00	10700	2.62	15.00	11000	1.36	21.00	11100	1.89	19.00	11300	1.68	16.00	12232	1.31
09 DILLINGHAM	.	4600	.	.	4700	.	1.00	4700	0.21	1.00	4700	0.21	3.00	5623	0.53
10 BRISTOL BAY	.	1100	.	1.00	1200	0.83	.	1200	.	4.00	1300	3.08	.	1275	.
11 ALEUTIANS	.	8000	.	5.00	8100	0.62	.	8300	.	.	8500	.	4.00	8496	0.47
12 MAT-SU	.	18400	.	1.00	20200	0.05	6.00	23300	0.26	8.00	25200	0.32	27.00	29849	0.90
13 ANCHORAGE	311.00	180200	1.73	343.00	179000	1.92	321.00	184700	1.74	358.00	200500	1.79	451.00	227070	1.99
14 KENAI	24.00	25800	0.93	24.00	27600	0.87	25.00	29500	0.85	32.00	32500	0.98	32.00	34890	0.92
15 KODIAK	41.00	10600	3.87	25.00	11000	2.27	13.00	11700	1.11	19.00	12700	1.50	34.00	12896	2.64
16 VALDEZ-CORD	7.00	8900	0.79	10.00	9100	1.10	13.00	9300	1.40	4.00	9500	0.42	11.00	9722	1.13
17 SKAGWAY	.	3300	.	.	3400	.	.	3500	.	.	3600	.	.	3711	.
18 HAINES	.	1700	.	.	1700	.	.	1800	.	.	1900	.	.	1915	.
19 JUNEAU	31.00	18900	1.64	28.00	19800	1.41	27.00	21100	1.28	34.00	22000	1.55	33.00	25964	1.27
20 SITKA	11.00	7700	1.43	3.00	7800	0.38	12.00	8000	1.50	11.00	8200	1.34	25.00	8194	3.05

(CONTINUED)

TABLE 6.2

1979-1983: ADOPTION RATES BY CENSUS AREA OF OCCURRENCE AND YEAR

	YEAR														
	1979			1980			1981			1982			1983		
	TADP	POP	RATE	TADP	POP	RATE	TADP	POP	RATE	TADP	POP	RATE	TADP	POP	RATE
CENSUS AREA															
21 WRANGELL-P	.	6100	.	.	6300	.	.	6500	.	5.00	6700	0.75	4.00	6869	0.58
22 PR OF WALES	.	4200	.	.	4300	.	.	4400	.	.	4400	.	.	5293	.
23 KETCHIKAN	19.00	11800	1.61	19.00	12000	1.58	34.00	12200	2.79	28.00	12400	2.26	35.00	12712	2.75
ALASKA	631.00	413700	1.52	636.00	419700	1.51	636.00	435200	1.46	693.00	460800	1.50	917.00	510554	1.79

NOTE: TADP = TOTAL ADOPTIONS
POP = ESTIMATED POPULATION
RATE PER 1000 POPULATION

TABLE 6.1B

1983: ADOPTIONS BY NATIVE REGIONAL CORPORATION OF OCCURRENCE, AGE AND RACE

	AGE																			
	< 1 YR				01-04 YRS				05-10 YRS				10-20 YRS				20 + YRS			
	RACE				RACE				RACE				RACE				RACE			
NRC	BLK	NAT	OTH	WHT	BLK	NAT	OTH	WHT	BLK	NAT	OTH	WHT	BLK	NAT	OTH	WHT	BLK	NAT	OTH	WHT
ALEUT	.	.	.	.	.	1	.	.	.	.	.	2	.	.	.	.	.	.	.	.
ARCTIC SLOPE	.	3	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.
BERING	.	6	.	.	.	5	.	.	.	9	.	.	.	1	.	.	.	.	.	.
BRISTOL BAY	.	.	.	.	.	1	.	.	.	1	.	.	.	.	.	.	.	.	.	.
CALISTA	.	5	.	1	.	6	.	.	.	2	.	.	.	.	.	.	.	.	.	.
CHUGACH	.	.	.	.	.	.	.	3	.	.	.	3	.	2	.	2	.	.	.	.
COOK INLET	1	17	4	38	10	14	9	79	7	14	7	144	8	10	2	115	.	.	2	2
DOYON LTD	3	9	3	13	.	9	3	28	6	8	1	35	2	1	3	34	.	.	.	2
KONIAG INC	.	3	.	3	.	1	1	2	.	4	2	5	.	3	3	4	.	.	.	.
NANA	.	9	.	.	.	22	.	.	.	4	1	.	.	3	.	.	.	.	.	.
SEALASKA	.	7	1	3	.	8	5	7	1	11	.	22	.	7	.	14	.	.	.	.
ALL	4	59	8	58	10	67	18	119	14	54	11	211	10	27	8	169	.	.	2	4

APPENDICES

APPENDIX I

CAUSE OF DEATH CATEGORIES AND NINTH REVISION ICDA CODES

Table 3.5

Cause of Death Category	ICDA Codes
Ischemic heart disease	410-414
Cerebrovascular disease	430-438
Other heart disease	420-429
Other circulatory system	390-409,415-419,439,440-448,451-459
Accident-air transport	840-845
Accident-firearms	922
Accident-drowning	830,832,910
Accident motor vehicle	810-825
Environmental-Cold	901
Undetermined if accidental	980-989
All other accidents	800-809,826-829,833-839,846-900,902-909,911-921,923-949
Cancer-lung, trachea & bronchus	162
Cancer - colon	153
Cancer - breast	174
Cancer - prostate	185
Cancer - other site	140-152,154-161,163-173,175-184,186-239
Pneumonia & influenza	480-487
Other respiratory diseases	460-479,488-519

Table 3.5

Cause of Death Category	ICDA Codes
Homicide	960-969
Suicide	950-959
Alcohol depencence	303
Other alcohol related	291,305.0,357.5,425.5,535.3,571.0-571.3
All other causes	Residual

Table 3.6

Cause of Death Category	ICDA Codes
Tuberculosis, all forms	010-018,137
Other infections and parasitic diseases	001-009,020-136,138-139
Cancer-buccal cavity & pharynx	140-149
Cancer-digestive organs and peritneum	150-159
Cancer-respiratory system	160-165
Cancer-breast (female)	174
Cancer-genital organs	179-187
Cancer-urinary system	188-189
Cancer-blood & lymphatic	200-208
Cancer-unspecified site	166-173,175-178,190-199
Diabetes Mellitus	250
Alcohol Dependence	303

Table 3.6

Cause of Death Category	ICDA Codes
Alcohol Related	291,305.0,357.5 425.5,535.3 571.0-571.3
Rheumatic fever and heart disease	390,398
Hypertensive disease	401-405
Ischemic heart disease	410-414
Cerebrovascular disease	430-438
Other circulatory system diseases	415-429,440-448 451-459
Pneumonia and Influenza	480-487
Other respiratory system diseases	460-466,470-478, 490-496,500-508 510-519
Disease of the digestive system	520-537,540-543,550-553,555-558,560-569 570-579
Genitourinary system diseases	580-629
Pregnancy and childbirth complications	630-676
Congenital Anomalies	740-759
Perinatal period conditions	760-779
All accidents	800-949
Suicide	950-959
Homicide	960-969
All other causes	Residual

Table 3.7

Cause of Death Category	ICDA Codes
Diseases of Heart	390-398,402, 404-429

Table 3.7, continued

Cause of Death Category	ICDA Codes
Malignant Neoplasms, including Neoplasms of lymphatic and hematopoietic tissues	140-208
Cerebrovascular diseases	430-438
Accidents and adverse effects	800-949
Chronic obstructive pulmonary diseases and allied conditions	490-496
Pneumonia and influenza	480-487
Diabetes Mellitus	250
Suicide	950-959
Chronic Liver Disease and Cirrhosis	571
Artherosclerosis	440
Homicide and legal intervention	960-978
Certain conditions originating in perinatal period	760-779
Nephritis, nephrotic syndrome and nephrosis	580-589
Septicemia	038
Congenital Anomalies	740-759
All other causes	Residual

Tables 3.11 and 3.12

Cause of Death Category	ICDA Codes
Railway	800-807
Motor vehicle	810-825
Other road vehicle	826-829
Other vehicle	846-848
Water transport-drown	830,832
Water transport-other	831, 833-838

Cause of Death Category	ICDA Codes
Tables 3.11 and 3.12	
Non-transport-drown	910
Aircraft	840-845
Poisoning	850-869
Improper medical procedures	870-879, 930-949
Falls	880-888
Fire	890-899
Environmental-heat	900
Environmental-cold	901
Environmental-other	902-909
Suffocation	911,913
Firearms	922
Other accident	916-921,923-929
Tables 3.16 and 3.17	
Certain gastrointestinal diseases.	008-009,535, 555-558
Pneumonia and Influenza	480-487
Congenital anomolies	740-759
Disorders relating to short gestation and unspecified low birth weight	765
Birth trauma	767
Intrauterine hypoxia & birth asphyxia	768
Tables 3.16 and 3.17, continued	
Respiratory distress syndrome	769
Other conditions originating in the perinatal period	760-764,766, 770-779
Sudden infant death syndrome	798
All other causes	Residual
Table 3.18	
Infections and Parasitic Diseases	001-139
Diseases of the nervous system	320-389
Diseases of the circulatory system	390-459
Diseases of the respiratory system	460-519
Congenital anomalies	740-759
Perinatal origin	760-763
Short gestation and low birthweight	765
Birth trauma	767
Hypoxia and asphyxia	768
Respiratory conditions	769-770
Hemorrage	772
Infections	771
Other perinatal	773-779
Sudden death-cause unknown	798
Accidents	800-949
Injury-undetermined if accidental	980-989
All other causes	Residual

Note: Cause of death categories of interest for inclusion in this report were determined with the generous assistance of the Division of Public Health.

APPENDIX II

VITAL EVENTS CERTIFICATES AND LISTS OF VARIABLES

The vital statistics data presented represent only a part of the information reported on the vital events certificates. Other variables not reported in this document for births, deaths, marriages, divorces and annulments, and adoptions, but which can be made available upon user request, are described in this section. Not all categories of information are completed on all certificates. Therefore, frequencies based on infrequently completed categories may represent a non-random sample of the total number of vital events. Tabulations and cross-tabulations of data items can be provided if the cost to the state is not substantial, and the burden on staff and other resources is not unreasonable.

STATISTICAL INFORMATION AVAILABLE FOR BIRTHS

1983

VARIABLE	PLACE ON CERTIFICATE
CHILD	
Sex	2
Time of Birth	
Date (mm/dd/yy)	3a
Hour	3b*
Birthplace	
Community	3c
Hospital	4a
Birthweight	12
Plurality (Single, Twins, etc.)	13
If Not Single Birth, Birth Order	14
Apgar Score	
1 Minute	21a
5 Minute	21b
Congenital Anomalies and Malformations	25**
MOTHER	
Age	6b
State of Birth	6c
Residence	
State	6d
Community	6e
Race	10
Marital Status	15
Education	17

VARIABLE	PLACE ON CERTIFICATE
MATERNAL HISTORY***	
Number of Live Births	
Now Living	16a
Now Dead	16b
Date of Last Live Birth (mm/yy)	16c
Other Terminations	
Before 20 Weeks	16d
After 20 Weeks	16e
Date of Last Termination (mm/yy)	16f
Date Last Normal Menses Began (mm/yy)	19
Month of Pregnancy Prenatal Care Began	20a*
Number of Prenatal Visits	20b**
Attendant at Birth	5c
Illness or Conditions Affecting Pregnancy	22,23**
Complications of Labor and/or Delivery	24
FATHER	
Age	7b
State of Birth	7c
Race	11
Education	18

* Not coded prior to 1978.

** Coded with less information prior to 1978.

*** Not all variables under Maternal History are consistently recorded on certificates.

Form VS-1

STATE FILE NUMBER ____________

CERTIFICATE OF LIVE BIRTH

Uncertified Copy

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS – JUNEAU, ALASKA 99811

TYPE OR PRINT IN PERMANENT INK

RECORDER'S NO		DATE RECEIVED

CHILD

1 CHILD – NAME FIRST	MIDDLE	LAST		
2 SEX	3a DATE OF BIRTH (MONTH DAY YEAR)	3b HOUR M	PLACE OF BIRTH ALASKA	3c CITY, VILLAGE OR LOCATION
4a HOSPITAL – NAME	4b STREET AND NUMBER (IF NOT IN HOSPITAL, GIVE STREET AND NUMBER)			

CERTIFIER

I CERTIFY THAT THE ABOVE NAMED CHILD WAS BORN ALIVE AT THE PLACE AND TIME AND THE DATE STATED ABOVE 5a SIGNATURE ◆	IF ATTENDANT SAME AS PERSON SIGNING CHECK HERE ← ☐ IF NOT, ENTER NAME AND TITLE BELOW
5b NAME (TYPE OR PRINT)	NAME ____________
5c TITLE ☐ M D ☐ NURSE ☐ MIDWIFE ☐ OTHER	5d TITLE
5e DATE SIGNED (MONTH DAY YEAR)	5f MAILING ADDRESS – STREET OR P O BOX NO CITY VILLAGE STATE ZIP CODE

MOTHER

6a MOTHER – MAIDEN NAME FIRST MIDDLE LAST	6b AGE (AT TIME OF THIS BIRTH) YEARS	6c STATE OF BIRTH (IF NOT U S A NAME COUNTRY)
6d RESIDENCE – STATE	6e CITY, VILLAGE OR LOCATION	6f INSIDE CITY LIMITS ☐ YES ☐ NO
6g STREET AND NUMBER	6h RECORDING DISTRICT	

Uncertified Copy

FATHER

7a FATHER – NAME FIRST MIDDLE LAST	7b AGE (AT TIME OF THIS BIRTH) YEARS	7c STATE OF BIRTH (IF NOT U S A NAME COUNTRY)

8a I CERTIFY THAT THE PERSONAL INFORMATION PROVIDED ON THIS CERTIFICATE IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF (SIGNATURE OF PARENT) ◆	8b MOTHER'S MAILING ADDRESS (FOR BIRTH REGISTRATION NOTICE) STREET OR P O BOX NO CITY OR VILLAGE STATE ZIP CODE		
9a RECORDER – SIGNATURE ◆	9b ADDRESS	9c RECORDING DISTRICT	9d DATE RECORDED (MONTH DAY YEAR)

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY.

10 RACE – MOTHER	11 RACE – FATHER	12 BIRTHWEIGHT	13 THIS BIRTH – SINGLE TWIN TRIPLET ETC (SPECIFY)	14 IF NOT SINGLE BIRTH – BORN FIRST SECOND THIRD ETC (SPECIFY)	15 IS MOTHER MARRIED? ☐ YES ☐ NO

PREGNANCY HISTORY (Complete each section)				EDUCATION – MOTHER (Specify only highest grade completed)		EDUCATION – FATHER (Specify only highest grade completed)	
LIVE BIRTHS (Do not include this Child)		OTHER TERMINATIONS (Spontaneous or Induced)		17 ELEMENTARY OR SECONDARY (0 12)	COLLEGE (1 4 or 5+)	18 ELEMENTARY OR SECONDARY (0 12)	COLLEGE (1 4 or 5+)
NOW LIVING 16a NUMBER ____ NONE ☐	NOW DEAD 16b NUMBER ____ NONE ☐	BEFORE 20 WEEKS 16d NUMBER ____ NONE ☐	AFTER 20 WEEKS 16e NUMBER ____ NONE ☐	19 DATE LAST NORMAL MENSES BEGAN (MONTH DAY YEAR)	20a MONTH OF PREGNANCY PRENATAL CARE BEGAN FIRST SECOND ETC (SPECIFY)	20b PRENATAL VISITS TOTAL NUMBER (IF NONE, SO STATE)	APGAR SCORE 21a 1 min 21b 5 min
16c DATE OF LAST LIVE BIRTH (MONTH YEAR)		16f DATE OF LAST OTHER TERMINATION (MONTH YEAR) (AS INDICATED IN D OR E ABOVE)		22 COMPLICATIONS OF PREGNANCY? – IF YES, DESCRIBE ☐ YES ☐ NO		REQUIRED TEST FOR SYPHILIS MADE DO NOT STATE RESULTS 22A ☐ NO ☐ YES DATE ____________	

23 ILLNESS OR CONDITIONS AFFECTING THE PREGNANCY? – IF YES, DESCRIBE
☐ YES
☐ NO

24 COMPLICATION OF LABOR AND/OR DELIVERY? – IF YES, DESCRIBE
☐ YES
☐ NO

Uncertified Copy

25 CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD? – IF YES, DESCRIBE
☐ YES
☐ NO

DHSS
06-5357
REV. 10/81

ORIGINAL-STATE COPY

STATISTICAL INFORMATION AVAILABLE FOR DEATHS

1983

VARIABLE	PLACE ON CERTIFICATE
Sex	2
Race	3
Date of Death (mm/dd/yy)	4
Date of Birth	6*
Age	5a
Units of Age (years/months/days/hours/minutes)	Calculated 5b-5c
Community of Death	7b
Hospital of Death	7c
Type of Patient (DOA, Outpatient, etc.)	8*
Ever in Armed Forces	9
Length of Stay in Alaska	10*
State of Birth	11
Marital Status	13*
Usual Occupation/Industry	16a,16b*
State of Residence	17a
Disposition of Body	
Method	22a*
Place	22c*
Underlying Cause of Death	29
Autopsy (yes/no)	30
If Accident	
Type	31a*
Date of Injury (mm/dd/yy)	31b*
Hour of Injury	31c*
Injury at Work (yes/no)	31e*
Community of Injury	31g*

* Not coded in some years prior to 1978.

** Complete statistical information is not available for deaths which occurred out-of-state.

Form VS-101
REV. 1-76

150

STATE FILE NUMBER

TYPE OR PRINT IN PERMANENT INK

Uncertified Copy

CERTIFICATE OF DEATH

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS – JUNEAU, ALASKA 99811

RECORDER'S NO

DATE RECEIVED

DECEASED

1 DECEASED – NAME FIRST MIDDLE LAST

2 SEX

3 RACE (SPECIFY)

4 DATE OF DEATH (MONTH DAY YEAR)

5a AGE – LAST BIRTHDAY YEARS

5b UNDER 1 YEAR MONTHS DAYS

5c UNDER 1 DAY HOURS MINUTES

6 DATE OF BIRTH (MONTH DAY YEAR)

7a PLACE OF DEATH ALASKA RECORDING DISTRICT

7b CITY, VILLAGE OR LOCATION

7c HOSPITAL OR OTHER INSTITUTION – NAME (IF NOT IN EITHER, GIVE STREET AND NUMBER) →

7d STREET AND NUMBER

8 IF HOSP. OR INST. INDICATE – D.O.A., OUTPATIENT, EMER. RM., INPATIENT (SPECIFY)

9 WAS DECEASED EVER IN U.S. ARMED FORCES? ☐ YES ☐ NO ☐ UNKNOWN

10 LENGTH OF STAY IN ALASKA

11 STATE OF BIRTH (IF NOT U.S.A., NAME COUNTRY)

12 CITIZEN OF WHAT COUNTRY

13 MARITAL STATUS ☐ NEVER MARRIED ☐ MARRIED ☐ WIDOWED ☐ DIVORCED

14 SURVIVING SPOUSE (IF WIFE, GIVE MAIDEN NAME)

15 SOCIAL SECURITY NUMBER

16a USUAL OCCUPATION (GIVE KIND OF WORK DONE DURING MOST OF WORKING LIFE, EVEN IF RETIRED)

16b KIND OF BUSINESS OR INDUSTRY

USUAL RESIDENCE WHERE DECEASED LIVED. IF DEATH OCCURED IN INSTITUTION, GIVE RESIDENCE BEFORE ADMISSION

17a RESIDENCE – STATE

17b RECORDING DISTRICT OR COUNTY

17c CITY, VILLAGE OR LOCATION

17d INSIDE CITY LIMITS ☐ YES ☐ NO

17e STREET AND NUMBER

PARENTS

18 FATHER – NAME FIRST MIDDLE LAST

19 MOTHER – MAIDEN NAME FIRST MIDDLE LAST

20 INFORMANT – NAME

21 MAILING ADDRESS – STREET OR P.O. BOX NO., CITY, VILLAGE, STATE, ZIP CODE

DISPOSITION

22a ☐ BURIAL ☐ REMOVAL ☐ CREMATION ☐ DONATED

22b DATE (MONTH DAY YEAR)

22c CEMETERY OR CREMATORY – NAME AND LOCATION (CITY OR VILLAGE, STATE)

23 PERMIT ISSUED BY

24a FUNERAL DIRECTOR – SIGNATURE

24b FUNERAL HOME – NAME AND ADDRESS (STREET OR P.O. BOX NO., CITY OR VILLAGE, STATE, ZIP CODE)

Uncertified Copy

CERTIFIER

CERTIFICATION
ON THE BASIS OF THE EXAMINATION OF THE BODY AND OR THE INVESTIGATION, IN MY OPINION DEATH OCCURED ON THE DATE AND DUE TO THE CAUSE(S) STATED

25 HOUR OF DEATH

26a DATE PRONOUNCED DEAD MONTH DAY YEAR

26b HOUR M

27a SIGNATURE ◆

DEGREE OR TITLE

27b NAME (TYPE OR PRINT)

27c DATE SIGNED (MONTH DAY, YEAR)

27d MAILING ADDRESS – STREET OR P.O. BOX NO., CITY OR VILLAGE, STATE, ZIP CODE

28a RECORDER – SIGNATURE ◆

28b ADDRESS

28c DATE RECORDED (MONTH DAY YEAR)

CAUSE

29 PART I. DEATH WAS CAUSED BY: [ENTER ONLY ONE CAUSE PER LINE FOR (a), (b) AND (c)] SEE REVERSE SIDE — APPROXIMATE INTERVAL BETWEEN ONSET AND DEATH

IMMEDIATE CAUSE (PRINT OR TYPE)
(a)

CONDITIONS, IF ANY, WHICH GAVE RISE TO IMMEDIATE CAUSE (a), STATING THE UNDERLYING CAUSE LAST.

DUE TO, OR AS A CONSEQUENCE OF:
(b)

DUE TO, OR AS A CONSEQUENCE OF:
(c)

PART II. OTHER SIGNIFICANT CONDITIONS — CONDITIONS CONTRIBUTING TO DEATH BUT NOT RELATED TO CAUSE GIVEN IN PART I (a)

30 AUTOPSY ☐ YES ☐ NO

31a ☐ ACCIDENT ☐ HOMICIDE ☐ SUICIDE ☐ UNDETERMINED

31b DATE OF INJURY (MONTH DAY YEAR)

31c HOUR

31d DESCRIBE HOW INJURY OCCURED

31e INJURY AT WORK ☐ YES ☐ NO

31f PLACE OF INJURY (AT HOME, CANNERY, ETC. SPECIFY)

31g LOCATION – STREET AND NUMBER, CITY, VILLAGE OR LOCATION, STATE, ZIP CODE

Uncertified Copy

DHSS
06-5238
3/78 5M

ORIGINAL—STATE COPY

STATISTICAL INFORMATION AVAILABLE FOR MARRIAGES

1983

VARIABLE	PLACE ON CERTIFICATE
CERTIFICATE ISSUED	
Date (mm/dd/yy)	*
Place	*
CEREMONY PERFORMED	
Date (mm/dd/yy)	
Place	
Officiator Title	
GROOM	
Residence	
Date of Birth (mm/dd/yy)	*
State of Birth	**
Race	
Occupation/Industry	**
Previous Marriages	
Number	
Last Marriage Ended by (Death/Divorce)	
Premarital Physical	*

VARIABLE	PLACE ON CERTIFICATE
BRIDE	
Residence	
Date of Birth (mm/dd/yy)	*
State of Birth	**
Race	
Occupation/Industry	*
Previous Marriages	
Number	
Last Marriage Ended by (Death/Divorce)	
Premarital Physical	*

* Not coded prior to 1978.
** Coded with less information prior to 1978.

RECORDER'S NO.

RECORDING DISTRICT

CERTIFICATE OF MARRIAGE

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS
JUNEAU, ALASKA

STATE FILE NO. 150-

DATE REGISTERED

Uncertified Copy

MARRIAGE LICENSE

MAGISTRATE OR MARRIAGE COMMISSIONER ISSUING MARRIAGE LICENSE

TO ANY PERSON AUTHORIZED BY THE LAWS OF THIS STATE TO SOLEMNIZE MARRIAGES:

You are hereby authorized at any time not more than 3 months from and after the date hereof, within the State of Alaska (not knowing any legal impediment thereto), to join together in marriage in accordance with the laws of this state the two parties hereinbelow identified.

LICENSE NO. 31816
DATE ISSUED
RECORDING DISTRICT
SIGNATURE
TITLE: ☐ MAGISTRATE ☐ MARRIAGE COMMISSIONER
ADDRESS

IDENTIFYING INFORMATION

GROOM	BRIDE
NAME	NAME
	MAIDEN NAME *(If different from above)*
USUAL RESIDENCE	USUAL RESIDENCE
DATE OF BIRTH	DATE OF BIRTH
CONSENT: ☐ GIVEN	CONSENT: ☐ GIVEN
PLACE OF BIRTH	PLACE OF BIRTH
RACE	RACE
OCCUPATION	OCCUPATION
KIND OF BUSINESS OR INDUSTRY	KIND OF BUSINESS OR INDUSTRY
PREVIOUS MARRIAGES IF ANY. NONE ☐ NUMBER ______ AND LAST MARRIAGE ENDED BY DEATH ☐ DIVORCE ☐	PREVIOUS MARRIAGES: IF ANY. NONE ☐ NUMBER ______ AND LAST MARRIAGE ENDED BY DEATH ☐ DIVORCE ☐
PREMARITAL PHYSICAL EXAMINATION ☐ WAIVER ORDERED ☐ PREMARITAL CERTIFICATE FILED DATE OF LABORATORY TEST ______	PREMARITAL PHYSICAL EXAMINATION. ☐ WAIVER ORDERED ☐ PREMARITAL CERTIFICATE FILED DATE OF LABORATORY TEST ______

Uncertified Copy

CERTIFICATION OF MARRIAGE

PERSON PERFORMING CEREMONY

I hereby certify that the parties hereinabove identified were united in Holy Matrimony by me in accordance with the laws of the State of Alaska

on ______________________, 19______, *at* ______________________ *(City, Town, or Location)*, *Alaska.*

SIGNATURE OF OFFICIANT ✓
CHURCH OR OFFICE
OFFICIAL TITLE
ADDRESS

WITNESSES TO CEREMONY

SIGNATURE OF WITNESS ✓
ADDRESS
SIGNATURE OF WITNESS ✓
ADDRESS

Uncertified Copy

RECORDING MAGISTRATE

RECORDER'S SIGNATURE
ADDRESS
DATE RECORDED

VS FORM 301
06 6424
1/81 10M

ORIGINAL — STATE COPY

OFFICIANT: File Original and Part 2 with local Registrar (Magistrate)

STATISTICAL INFORMATION AVAILABLE FOR DIVORCES

1983

VARIABLE	PLACE ON CERTIFICATE
DECREE	
Date Granted (mm/dd/yy)	15
Place Granted	16*
Type Decree	17a
Granted to	17b
Grounds for Decree	17c
Judicial District	18f
MARRIAGE	
Place	
State	9a
Community	9c
Date of Marriage (mm/dd/yy)	10
Date Separated (mm/dd/yy)	11
Living Children	
Total Number	12a
Under 18	12b
Plaintiff	13

VARIABLE	PLACE ON CERTIFICATE
HUSBAND	
Residence	
State	2a
Community	2c
Date of Birth (mm/dd/yy)	3
State of Birth	4
Race	19
Number of this Marriage	20
How many Marriages ended by (Death/Divorce or Annulment)	21
Education	22
WIFE	
Residence	
State	6a
Community	6c
Date of Birth (mm/dd/yy)	7
State of Birth	8
Race	23
Number of this Marriage	24
How many Marriages ended by (Death/Divorce or Annulment)	25
Education	26

* Not coded prior to 1978.

VS FORM 401

06-5239

CERTIFICATE OF ABSOLUTE DIVORCE OR ANNULMENT

STATE FILE NUMBER 150-

DATE FILED

TYPE OR PRINT IN PERMANENT INK

COURT FILE NO

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS— JUNEAU, ALASKA 99801

Uncertified Copy

HUSBAND

1 HUSBAND NAME FIRST MIDDLE LAST

2a RESIDENCE STATE

2b RECORDING DISTRICT OR COUNTY

2c CITY TOWN OR LOCATION

2d INSIDE CITY LIMITS ☐ YES ☐ NO

2e STREET AND NUMBER

3 DATE OF BIRTH (MONTH DAY YEAR)

4 STATE OF BIRTH (IF NOT IN U.S.A. NAME COUNTRY)

WIFE

5a WIFE NAME FIRST MIDDLE LAST

5b MAIDEN NAME

6a RESIDENCE STATE

6b RECORDING DISTRICT OR COUNTY

6c CITY TOWN OR LOCATION

6d INSIDE CITY LIMITS ☐ YES ☐ NO

6e STREET AND NUMBER

7 DATE OF BIRTH (MONTH DAY YEAR)

8 STATE OF BIRTH (IF NOT IN U.S.A. NAME COUNTRY)

9a PLACE OF THIS MARRIAGE STATE (IF NOT IN U.S.A. NAME COUNTRY)

9b RECORDING DISTRICT OR COUNTY

9c CITY TOWN OR LOCATION

Uncertified Copy

10 DATE OF THIS MARRIAGE (MONTH DAY YEAR)

11 APPROXIMATE DATE COUPLE SEPARATED (MONTH YEAR)

12a LIVING CHILDREN TOTAL NUMBER

12b UNDER 18 YEARS OF AGE

13 PLAINTIFF ☐ HUSBAND ☐ WIFE

14a ATTORNEY FOR PLAINTIFF NAME

14b MAILING ADDRESS STREET OR P.O. BOX NO CITY OR TOWN STATE ZIP CODE

DECREE

15 DATE DECREE GRANTED (MONTH DAY YEAR)

16 PLACE GRANTED CITY OR TOWN

17a TYPE OF DECREE ☐ ABSOLUTE DECREE ☐ ANNULMENT

17b DECREE GRANTED TO ☐ WIFE ☐ HUSBAND

17c LEGAL GROUNDS FOR DECREE (SPECIFY)

I CERTIFY THAT THE MARRIAGE OF THE ABOVE NAMED PERSONS WAS DISSOLVED ON THE DATE STATED

18a COURT OFFICIAL · SIGNATURE

18b NAME (TYPE OR PRINT)

18c TITLE

Uncertified Copy

18d DATE SIGNED (MONTH DAY YEAR)

18e COURT NAME AND ADDRESS

18f JUDICIAL DISTRICT

CONFIDENTIAL INFORMATION

HUSBAND

HUSBAND · RACE	NUMBER OF THIS MARRIAGE	IF PREVIOUSLY MARRIED, HOW MANY ENDED BY ·		EDUCATION · SPECIFY HIGHEST GRADE COMPLETED		
				ELEMENTARY	HIGH SCHOOL	COLLEGE
WHITE NEGRO AMERICAN INDIAN ETC (SPECIFY)	FIRST SECOND ETC (SPECIFY)	DEATH (SPECIFY IF NONE)	DIVORCE OR ANNULMENT (SPECIFY IF NONE)	(0 1 2 3 4 OR 8)	(1 2 3 OR 4)	(1 2 3 4 OR 5+)
19	20	21		22		

WIFE

WIFE · RACE	NUMBER OF THIS MARRIAGE	IF PREVIOUSLY MARRIED, HOW MANY ENDED BY ·		EDUCATION · SPECIFY HIGHEST GRADE COMPLETED		
				ELEMENTARY	HIGH SCHOOL	COLLEGE
WHITE NEGRO AMERICAN INDIAN ETC (SPECIFY)	FIRST SECOND ETC (SPECIFY)	DEATH (SPECIFY IF NONE)	DIVORCE OR ANNULMENT (SPECIFY IF NONE)	(0 1 2 3 4 OR 8)	(1 2 3 OR 4)	(1 2 3 4 OR 5+)
23	24	25		26		

STATISTICAL INFORMATION AVAILABLE FOR ADOPTIONS

1983

VARIABLE	PLACE ON CERTIFICATE
Judicial District	Top Left Hand Corner
Place Adoption Granted	1
Date Granted (mm/dd/yy)	2
Type of Legal Agency	27
Number of Persons Adopting Child	4
Adoptive Father Married Natural Mother	16
Adoptive Mother Married Natural Father	23
Child	
Sex	6
Date of Birth (mm/dd/yy)	7
State of Birth	8
Natural Father, Race	9B
Natural Mother, Race	10B
Adoptive Father	
Race	12
Year of Birth	13*
Usual Occupation/Industry	15A-B*
Adoptive Mother	
Race	18
Year of Birth	19*
Other Children	
Living	21a
Born Alive-Deceased	21b
Stillborn	21c
Community of Residence	22C

* Not coded in some years prior to 1978.

VS-FORM 501

06-5274

SUPERIOR COURT
DISTRICT

CITY

FILE NO.

REPORT OF ADOPTION

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS – JUNEAU ALASKA 99811

STATE FILE NO.

DATE FILED

Uncertified Copy

1. PLACE ADOPTION GRANTED

2. DATE GRANTED *(Final decree entered in court)*

3. NAME OF CHILD AS SET FORTH IN THE DECREE *First* *Middle* *Last*

4. NUMBER OF PERSONS ADOPTING CHILD

CHILD

CHILD

BIRTH NO.:

5. NAME OF CHILD AT BIRTH *First* *Middle* *Last*

6. SEX

7. DATE OF BIRTH

8. PLACE OF BIRTH

NATURAL PARENTS

9. FATHER: A. NAME

B. RACE

10. MOTHER: A. NAME

B. RACE

ADOPTIVE FATHER

PERSONAL PARTICULARS OF ADOPTIVE FATHER

11. NAME OF FATHER *First* *Middle* *Last*

12. RACE

13. DATE OF BIRTH

14. PLACE OF BIRTH

15A. USUAL OCCUPATION AT TIME OF THIS BIRTH

15B. KIND OF BUSINESS OR INDUSTRY

16. *Is adoptive father married to natural mother?* ☐ *Yes* ☐ *No*

ADOPTIVE MOTHER

PERSONAL PARTICULARS OF ADOPTIVE MOTHER

17. MAIDEN NAME OF MOTHER *First* *Middle* *Last*

18. RACE

19. DATE OF BIRTH

20. PLACE OF BIRTH

21. OTHER CHILDREN OF THIS MOTHER *(Include other adopted children, regardless of date of adoption)*

Give number as of date in Item 7

a. Living *b. Born Alive—Deceased* *c. Stillborn*

22. USUAL RESIDENCE AT TIME OF THIS BIRTH

A. STATE

B. COUNTY

C. CITY OR TOWN

Uncertified Copy

23. *Is adoptive mother married to natural father?* ☐ *Yes* ☐ *No*

BIRTH CERTIFICATE

24. ☐ *An X in this box indicates a new birth certificate is to be prepared and substituted for the child's original birth certificate.*

☐ *An X in this box indicates the child's original birth certificate is to remain as the official record of birth.*

VERIFICATION

25. SIGNATURE OF PARENT VERIFYING ITEMS 11-24

26. PRESENT MAILING ADDRESS

ATTORNEY OR AGENCY

27. NAME OF ATTORNEY OR AGENCY HANDLING CASE

28. MAILING ADDRESS

Uncertified Copy

CERTIFICATION OF CLERK OF SUPERIOR COURT

I hereby certify that this adoption was granted in this court on the date stated above.

29A. SIGNATURE AND SEAL OF CLERK OF COURT

29B. DATE SIGNED

Uncertified Copy

NEW CERTIFICATE

If the child was born in Alaska and a new birth certificate is to be prepared and filed, the following fees must be paid in advance by cash or money order: ~~[illegible]~~ $10.00 for preparing and filing the new certificate; $3 each for a certified copy.

If the child was born in another state, a copy of this report will be made for the Bureau's files, and the original will be forwarded to the appropriate registration authority in the state of birth, for such action as is provided by the laws of that state.